AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2 KOON-NI RANGE, OSAN, KOREA, REVISED UNIFORM SUMMARY OF SURFACE --ETC(II) AD-A102 398 APR 81 UNCLASSIFIED USAFETAC/DS-81/052 SRIE-AD-E850 085 NL 1 or 3

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Air Weather Service (MAC)

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72|7 APR 1981

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

KOON-PI HALIGE KO N 37 02 E 126 45

FLD HLEV 50 FT RKSK

WBAI: #43273 WMO #

FARTS A-r'

FOR FROM HOURLY OBS: MAR 63 - DEC 70, JAN 73 - FEB 80

POR FROM DAILY OBS: MAR 63 - OUT 63, APR 69 - DEC 80

TIME CONVERSION GMT TO LST+9

APR 24 1981

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BEFORE COMPLETING FORM
RECIPIENT'S CATALOG NUMBER REPORT DOCUMENTATION PAGE 2. GOVT ACCESSION NO. USAFETAC/DS-81/052 5. TYPE OF REPORT & PERIOD COVERED TITUE in id Submitte) Revised Uniform Summary of Surface Weather Final rept. Coservations (RUSSWO) - KOON-NI RANGE, OSAN, 6. PERFORMING ORG REPORT NUMBER KOREA ·UT-OH-s. 8. CONTRACT OR GRANT NUMBER ... 9 ERFORMING ERGANIZATION NAME AND ADDRESS USAFETAC/OL-A PROGRAM ELEMENT, PROJECT Air Force Environmental Technical Appl. Center Scott AFB IL 62225 USAFETAC/CBD OFFICE NAME AND ACCIRESS 12. REPORT DATE 24 APR 81 Air Weather Service (MAC) Scott AFB IL 62225 NUMBER OF PACES "A 19 INITORING AGENCY NAME & ADDRESSRIF different from Controlling Office) UNCLASSIFIED 154 DECLASSIFICATION DOWNUANDING DISTRIB . TION STATEMENT (of " is Report) Approved for public release; distribution unlimited. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report, 15 SUPPLEMENTARY NOTES THIS DOCUMENT SUPERSEDES THE RUSSWO DATED 24 OCT 73 \*RUSSWO S Continue on cover Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometeric summary Surface Winds Ceiling versus visibility Extreme temperature

This report is a six-part statisitical summary of surface weather observations for KOON-NI RANGE, OSAN, KOREA

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena;
(B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values);
(C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric

\*Climatological data

Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD 1 JAN 73 1473

Relative Humidity

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LINCLASSIFICATION OF THIS PAGE When Data Entered)

- 19. Percentage frenquency of distribution tables
  Dry-bulb temperature versus wet-bulb temperature
  Cumulative percentage frequency of distribution tables
  \* KOREA \* KOON-NI RANGE KOREA
- 20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

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#### Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by PDC to the tational Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

MAINER, MUCHLOM, Chief Technical Information Section USAFETAL/TST

FIRETIC COMMANDES.

(ALI) BUNG! Will ANS Scientific and technical Intocation Officer (STINFO)

The hourly sections of this summary were produced using data for less than 24 observations per day for the period of record. The period of record and observation count per page reflect these reduced number of observations. The result is a summary biased toward those hours for which observations were available for the entire period of record. Therefore, the hourly "ALL", "TOTAL" and "DEVIATION" summaries should be disregarded or used with extreme caution. In this respect, the hourly sections are a summary of specific hours (07-17 local) only and not a true RUSSWO. Suspect pages are identified by a red stamp.

"USE WITH CAUTION

SEE FIRST PAGE"

The daily data sections are also affected due to less than 24 hours of operation per day, plus not all days are included (closed Sat, Sun, Holidays). The sections included in the daily data are also stamped.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

#### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

#### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

#### DESCRIPTION OF SIJMMARIES

irreceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from howly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

PART E DAILY MAX, MIN, & MEAN TEMP

ATMOSPHERIC PHENOMENA

EXTREME MAX & MIN TEMP

PART B PRECIPITATION

PSYCHROMETRIC DRY VS WET BULB

SNOWFALL

MEAN & STD DEV

SNOW DEPTH

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PARTC SURFACE WINDS PART D CEILING VERSUS VISIBILITY

PART F STATION PRESSURE

SKYCOVER

SEA LEVEL PRESSURE DATA NOT AVAILABLE

#### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summerized in eight 3-bour periods corresponding to the following sets of no-rly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

#### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from bourly observations.

JANUARY CO-O2	<u>03-05.1</u> 8-20,21-2 <u>3</u>	SAPRIL <u>OU-</u>	<u>&lt;,03-05,10</u> -20,2	1-0	1017 00 -05	<u>.05-05,15</u> -20,21-2	<u>O-بازر</u> octobfik	<u>2,03-05,1</u> 8-20,21-25
FEBRUARY	**	M/ Y	11		AUGUST	п	NOVEMBEL	11
MARCH		JUNE	0		SEPTEMBER		DECEMBER	
				ì				

STATION N	O ON SUMMARY	STATION NAME		LATITU	.0€	LONGITUDE	FIELDELEV	FT1 CALLS	GN	WMO NUMPER
4327	73	KOON-NI RANGE KOREA/OSAN		N 3	7 ()2	E 126 45	50	RK	5.N	
		STATION LOCATIO	N A	ND IN	ISTRI	JMENT	ATION	HIST	ORY	
NUMBER OF LOCATION		GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS L		LATITUDE	.ONGITUDE		HT BARO.	OBS PER DA1
1 2 3	Koon-Ni Same Same	Range Korea	AF Same Same	Mar 63 Jan 73 Dec 75	Dec 72 Nov 75 Mar 81	N 37 02 Same Same	F 126 45 Same Same	Same Same	Same Same	09 09 10-14
NUMBER OF	DATE OF CHANGE	SURFACE WIND LOCATION	EGUIPMENT	TYPE OF	TYPE OF		REMARKS, AD	DITIONAL EQUIP	MENT. OR REA	SON FOR CHANGE
1 2	Mar 63tc Dec 72	Not available. Anemometer is located on tour recreation center appr 25-30 ft above ground lv1.	TMQ-15 Same	None Same	N/A Same	Air Force Gunnery Range.				

USAFETAC FORM NOV 73 0-19 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

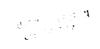
Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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#### WEATHER CONDITIONS

47 -3	KOON-NI RANSE KO	69-7°,73-3°	JA1.
STATION	STATION NAME	YEARS	MONTH

PEPCENTAGE FREQUENCY OF OCCUPRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	30-37			l.									
	03-15										_		
	<u> 36−3</u> 8		1.1		7.5		3.0	31.4	12.5			44.	3.13
	9-11		1.7		7 • 8		9.5	19.7	28.5			43.2	556
	12-14		1.9		5 • 5		7.2	7.7	28.9			35.6	637
	15-17		3.5		5.7		13.1	3.7	24 • 1			27.9	535
	_3 <del>-</del> ?											<u> </u>	
	. 1-23												
	ļ												
									_				
TOTALS			2.1		5.9		8.9	15.6	23.6			39.2	2201

USAFETAC	FORM	0-10-5(OL	A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETI

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#### **WEATHER CONDITIONS**

4 12 75	KUON-NI PANSI KO	69-70,73-60	٠
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF REATHER CONTITIONS FROM HOUSELY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
<i>=</i> _	3-82												
	33-13												
	J6-33		5.5		4 • 3		9.2	29.9	14.4			44.3	340
	9-11		ხ.£		+•1		10.7	19.6	24.1		• 2	43.9	e 17
	12-14		4.5		3.3		7.6	8 • 2	23.3		• 5	32.0	6.30
	15-17		<b>4.</b> 6		1.2		5 • 8	4.3	17•'.		• 6	22.4	rsn
	13-2												
	11-23												
			-										
TOTALS			5•3		3.2		<b>3.4</b>	15.6	19.7		. 3	35.7	2065

	USAFETAC FORM	7-10-5(OL. A), PREVIOUS EDITIONS OF TH	HIS FORM ARE OBSOLETE			
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#### **WEATHER CONDITIONS**

4 673 STATION KOON-NI RANGE KO

68-7-,73-79

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STATION NAME

YEARS

MONTH

PERCENTACE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND. OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
мдр	<b>6-</b> 02												
	63-65												
	3 <b>6</b> ≁58		5 • 2		1.5		7.7	35.2	15.4		• 3	51.9	339
	59-11		3.9		1.0		4.0	19.4	25 • ⊬		.4	45.7	691
	12-14		2.5		1.5		3.9	7.6	21.6			20.2	607
	15-17		4.2		1.0		5 • 2	3.2	14.5		• 2	17.8	595
	18-23												
	21-23												
							<u> </u>						
													·
											·		
TOTALS			4.0		1.3		5.2	16.6	19.3		• 2	30.2	2332

USAFETAC  $\frac{\text{PORM}}{\text{JULY 64}}$  0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **WEATHER CONDITIONS**

47,73	KCON-NI RANGE KO	55-77,73-79	45:
STATION	STATION NAME	YEARS	MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	8LOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
<b>4</b> F =	00-00												
	u3-05		_										
	.6+05		7.5		• 3		7.3	25.3	16.			41.4	390
	09-11		7.0				7.5	9.5	20.5		• 7	31.6	673
	12-14		7.4		• 2		7.5	3.5	13.9		• 9	13.4	653
	15-17		7.1				7.1	2.1	9.5		• 7	11.6	5 7 <b>7</b>
	13-20												
	11-23												
TOTALS			7.1		. 1		7.2	10.1	14.9		• 6	25.6	2302

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# WEATHER CONDITIONS

4 * : 73	NOON-NI PANGE KO	66-76,73-79	MAY
STATION	STATION NAME	YEARS	HTHOM

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND. OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
7 5 Y	5-02												
	63+05												
	5 <b>6-</b> 18		6.9				5.9	39.1	15.5			35.6	393
	19-11		5•5				8.0	9.2	12.3		_	21.5	649
	12-14	• 2	6.6				c • ò	3.9	8.9			12.0	541
	15-17		5.7				5.7	2 • 4	4.4			6.8	542
	13-20								 				
	21-23												
			_										
TOTALS		• i	6.5				6.8	8.9	10.3			19.2	2225

USAFETAC	FORM JULY 64 0-10-5(QL A), PREVIOUS BOTTONS OF THIS FORM ARE OBSOLETE	
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#### **WEATHER CONDITIONS**

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65-77,73-79

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STATION

STATION NAME

YEARS

MONTH

# PERCENTAGE FREQUENCY OF OCCURRANCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
√نال	.0-02												
	03 <b>-</b> 05												
	.6 <b>-</b> 38	• 8	10.9				10.9	34.₺	11.7			45.7	J9 <b>4</b>
	9-11	•2	5.3				3.3	15.7	15.5			33.2	665
	12-14	• 2	9.5				ان. 9	5.2	13.5			18.7	657
	15-17		6.∂				6.0	2•8	12.1			15.0	568
	18-23												
	. 1 - 2 3		·										
TOTALS		• 3	8.6				8.6	14.7	13.5			28.2	2254

	USAFETAC	PORM JAY 64 0-10-5(	OL A), PREVIOUS EDITIO	ONS OF THIS FORM ARE OF	ISOLETE			
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#### WEATHER CONDITIONS

STATION

KON-NI RANGE KO

68-7-,73-79

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STATION NAME

YEARS

MONTH

PEPCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOUPLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JLL	.a-az												
	ú3 <b>−</b> 05												
	_6=05	• 3	13.0				13.0	25.6	16.6			41.2	356
	9-11	• 3	13.5				13.5	11.1	17.2			23.3	622
	12-14	• 5	11.8				11.8	3 • 3	12.4			15.7	611
	15-17		11.2				11.2	2.2	5.9			11.2	537
	13-2J												
	21-23												
						·							
										_			
TOTALS		• 3	12.4				12.4	10.6	13.8			24.4	2156

USAFETAC PORM 0-10-5(QL A), PREVIO	DUS EDITIONS OF THIS FORM ARE OBSOLETE	 

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#### **WEATHER CONDITIONS**

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68-79,73-79

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STATION NAME

YEARS

MÖNTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
406	ue-11												
	03-05												. <u></u>
	06-03	•2	9.7				9.7	29.5	1.7			37.2	414
	.9-11	. 4	9.3				9.3	13.6	12.9			26.5	69
	12-14	• ಚ	8.				8.0	2•€	11.8			14.4	f 46
	15-17	. 7	7.5				7.5	• 5	9.5			7.1	587
	18-20					·							
	21-23							·					. <u></u>
TOTALS		• 5	8.6				8.6	11.6	10.5			22.1	2316

USAFETAC	PORM ALY 64	0-10-5(OL A),	MEVIOUS EDITIONS	S OF THIS FORM ARE (	OBSOLETE				

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#### WEATHER CONDITIONS

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KOON-NI RANGE KO

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STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONSITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
° LD	1.0-02												
	03-55										i		
	.6 <b>-</b> 18		0.7				8.7	31.2	3.5			34.7	4.1
	. 9-11		7.5				7.5	16.0	10.7			26.7	636
	12-14	• 5	7.6				7.6	2 • 2	7.8			10.0	632
	15-17		6.8				6.8	• 2	5.			5 • 2	555
	15-20												
	_1-23												
						i							
TOTALS		• 1	7.7				7.7	12.4	6 • 8		l	19.2	2227

USAFETAC	PORM JULY 64	0-10-5{QL	A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **WEATHER CONDITIONS**

STATION

KOON-NI RANGE KO

68-7',73-79

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STATION NAME

MONTH

PERCENTAGE FREQUENCY OF OCCUPRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	0 <b>0-</b> 02					· · · · · · · · · · · · · · · · · · ·							
	∪3 <b>-</b> 35												
	06 <b>−</b> 08		3.9				3.9	33.2	7.0			43.2	440
	39-11		5.1				5.1	15.8	14.0			29.7	673
	12-14		4.1				4.1	1.1	13.9			15.0	661
- <b>-</b>	15-17	. 4	3.5				3.5		7.0			7.0	568
	18-20												
	21-23												
TOTALS		• 1	4.2				4.2	12.5	10.5	-		23.0	2342

	USAFETAC	PORM JULY 64	0-10-5( <b>0</b> L	A), PREVIOUS	S EDITIONS OF	THIS FORM A	RE OBSOLETE	 		 	 	 	
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#### **WEATHER CONDITIONS**

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43.73 KOON-NI RANGE KO STATION NAME

YEARS

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS ('.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	0 <b>0-</b> 02												
	63-05												
	J <b>6</b> ~03		3.6		1.0		4.5	30.1	8 ه			35.9	419
	9-11		3.8		1.7		5.5	20.5	14.7			35.1	655
	12-14		3.6		1.9		5.5	6.6	14.6			21.1	639
	15-17		4.1		1.1		5.2	2.3	10.3			12.6	555
	13-20												
	1-23							_					
								_					
TOTALS			3.8		1.4		5.2	14.9	12.1			26.9	2268

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **WEATHER CONDITIONS**

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STATION NAME

YEARS

MONTH

PERCENTAGE FREGUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DLC	J <b>Q-</b> J?												
	u3−05												
	u <b>6−</b> 08		4.8		3.8		8.5	31.3	12.6			43.9	396
	9-11		6.0		4.7	• 2	10.7	20.8	26.9			47.7	535
	12-14		4.8		4.4	• 2	9.3	5.4	30 • 2			35.7	-80
	15-17	• 2	3.3		3.8	• 2	7 <b>.</b> J	2.2	17.6			19.8	500
	18-20												
	21-23												
								_					
TOTALS		• 1	4.7		4.2	• 2	8.9	14.9	21.8			36.8	2120

	USAFETAC	PORM AULY 64	0-10-5( <b>0</b> L	A), PREVIOUS E	EDITIONS OF THIS	FORM ARE OBSOLET	rŧ				
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**WEATHER CONDITIONS** 

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STATION NAME

YEARS

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PERCENTAGE FREQUENCY OF OCCUPRENCE OF \*EATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN.	ALL		2.1		ö • 9		3.9	15.6	23∙€			39.2	22.1
FE			5 • 3		3 • 2		8.4	15.6	19.7		• 3	35.7	2065
· A ·			4.3		1.3		5.2	16.6	19.3		• 2	36.2	2332
APP			7.1		• 1		7.2	10.1	14.9		• 5	25.6	2352
4 A Y		.1	6 • 3				6.5	8.9	10.3			19.2	2225
Julia		• 3	3.6				8.6	14.7	13.5			26.2	2264
JUL		• 3	12.4				12.4	10.6	13.8			24.4	2156
الوائد		. 5	d.6				8.6	11.6	10.5			22.1	2316
1, ೬, ೨		. 1	7 • 7				7.7	12.4	<b>6 •</b> 5			19.2	2227
, ct		• 1	4.2				4.2	12.5	10.5			23.0	2342
NOV			3.5		1 • 4		5.2	14.9	12.1			26.9	2268
FILC		• 1	4 • 7		4.2	• 2	8.9	14.9	21.8			36.8	2120
TOTALS		.1	6.3		1.4	.0	7.7	13.2	14.7		•1	28.0	26°38

USAFETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### PART A

#### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of <a href="days">days</a> rather than the percentage of <a href="observations">observations</a>. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
  - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
  - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

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WEATHER CONDITIONS: ATHOSPHENIN SHENUM, NE

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STATION NAME

YEARS

HICCONTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENUMENA FROM CAILY DRAFRVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	FILT		1./		23.9		34.3	41.	- ર્ય•્ર	•		c •	13
			1		19.9		79.3	4 L 3	82.4			54.4	1 c 1
			9	1	o • 1		27.4	<sup>6</sup> 2 • 1	53.4			7. J. •	234
			.34 • €		• 3		24.0	46.5	51.6			,	. 17
1 5 Y		1.4	11.4				1.4	7.1	32.3			5.4	
J		1.4	77.9				79.9	·7.5	41. • 9			7	- 1
ا ل		• 3	и ј . г				42.5	47.t	35.6				±′_
	1	2.2	₹7 <b>•</b> 3				37.5	43.4	31.6				٠,٠
		2•3	/b • <sup>4</sup>				20.3	41	35.8			47.	_ 1 3
35. <u>f</u>		2.3	18.				18.0	42.9	36.4			\$	17
V 14		1.9	23.4		9.3		31.3	40.2	43.5			53.7	214
ن: د		1.0	17.7		19.1		34.0	45.0	53.1			6. • 2	200
TOTALS		1.4	23.3		6 <b>. 7</b>		29.2	44.7	44.3	• 1		51	25€4

USAFETAC  $\frac{\text{PORM}}{\text{JULY }64} = 0.10.5 (\text{OL} - \text{A})$ , previous editions of this form are obsolete 

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#### PART B

#### PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the <u>percentage frequency of various daily amounts</u> of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- ?. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals none for the month (hundredths)

EXTREME DAILY SNOWFALL ".0" equals none for the month (tenths)

EXTREME DAILY SNOW DEPTH "O" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of FRECIPITATION and SNOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

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#### NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

#### Air Force Stations:

#### U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at	0800LST
Jan 46-May 57	at	1230GMT
Jun 57-present	at	1200GMT

Beginning thru Jun 52 at 0030GMT Jul 52-May 57 at 1230GMT Jun 57-present at 1200GMT

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### DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

STATION STATION NAME YEARS

:						AM	OUNTS (II	NCHES)						PERCENT		MON	THLY AMO	UNTS
PRECIP	NONE	TRACE	01	02- 05	.06-10	.1125	2650	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	OF DAYS	TOTAL NO.		(INCHES)	
SNOWFALL	NONE	TRACE	0.1-0.4	0 5.1 4	1.5-2.4	2534	3 5-4 4	4 5-6 4	6.5-10.4	10.5-15.4	15 5-25.4	25.5-50.4	OVER 50.4	MEASUR-	OF OB\$.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4.6	7.12	13-24	25.36	37 - 48	49-60	61-120	OVER 120	AMTS				
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#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

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STATION	STATION NAME	YEARS

						AM	OUNTS (I	NCHES)						PERCENT	FRCENT	MONTHLY AMOUNTS			
PRECIP	NONE	TRACE	01	02 05	06-10	11 - 25	26- 50	.51-1 00	1 01 -2 50	2 51 - 5 00	5 01-10 00	10 01-20 00	OVER 20 00		TOTAL NO.		(INCHES)		
SNOWFALL	NONE	TRACE	01-04	0514	1.5-2.4	2534	3 5-4 4	4 5 6 4	6.5-10.4	10.5-15.4	15 5-25 4	25 5-50 4	OVER 50 4	MEASUR.	OF OBS	MEAN	GREATEST	LEAST	
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13-24	25.36	37 - 48	49-60	61-120	OVER 120	AMTS			1		
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#### **DAILY AMOUNTS**

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PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

STATION STATION NAME

	AMOUNTS (INCHES)							PERCENT	NT	MONTHLY AMOUNTS								
PRECIP	NONE	TRACE	01	.02- 05	.0610	.11 . 25	2650	.51-1.00	1 01-2-50	2.51.5.00	5.01.10.00	10 01-20 00	OVER 20 00	OF DAYS	NO.		(INCHES)	
SNOWFALL	NONE	TRACE	01.04	0.5-1.4	1 5-2.4	2 5 3 4	3.5-4.4	4.5-6 4	6.5-10.4	10.5-15.4	15 5-25.4	25 5-50.4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13.24	25-36	37 - 48	49-60	61-120	OVER 120	AMTS		man,	OREATEST	
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#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

the property of the second of the measurements from incomplete months.

CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

## DSE WITH CALITYPY

#### SURFACE WINDS

#### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

42:73	KOON-NI SANGE KO	69-76-73-8.1	
STATION	STATION NAME	YEARS	MONTH
	<u> </u>	L FEATHER	<u>-613-7216</u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	2.4		1.3								1.2	7 . 3
NNE	2.4	5.1	2.4	- 3								12	
NE	2.1	3.3	- 8									5.7	ا ا
ENE	2.7	2.4	1.1	3								2.4	4.
E	3.2	3.2	, , 7	.5	• 3							9.9	5.
ESE	5.9	5.6	- 5	- 5,								12.6	4.
SE	2.1	4.2	2.4	. 3								3.7	5
SSE	. 3	. 2	1.3						I			2.4	Ö.
5	9	1.3	1.1	. 3								3.5	5.
\$5₩			8										مة
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*		. 7	- 3	- 3									ه ذ
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NW			2.1	1.1	- 5	- 3	. 3	. 3				- 1	1 :: •
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	41.2	32.4	24.7	9.1	2.4	- 5	1 1	- 3				100-1	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MOON-NE RANGE NO NAME	69+76,77-F: YEARS	MONTH
	ALL - ÉA	THE B	903-117; HOURS (L.S.T.)
	COND	STION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	. F.	3.5	2.4	1.8		,						10.5	7.5
NNE	3.5	2.5	2.7	. 3								3.5	تعد
NE	2.0	1.3	1.2	2								ے مد_	4.9
ENE	1.7	1.2	1.5	. 7								4.7	3.5
E	3.2	2.0	1.8	<u> </u>						<u></u>		حموا	5.4
ESE	2.9	5.5	2.9	_ 5								11.7	5.5
SE	2.6	4.7	_1.3	c								1106	5.6
SSE	1.7	2	1.2	2								5.0	5.2
5	1.2		- 9	2	L						ļ	3.2	5.5
ssw	- 3		3									1.4	5.4
5W	,,_	. 2	- 6	2							L	1.1.1	1.0
wsw_				2			L		!		<u> </u>	2	15.0
w		<u> </u>	6				<u></u>			<u> </u>		2.5	7.6
WNW	5_	3	5_	- 2		L	Ĺ	L		L		2.1	9.0
NW	5	г	3.2	1.5	3		. 2	-3-				7.8	13.5
NNW	- 5	1.7	4.1	2.7	9	. 2	3		L			1:1-4	القعقد ا
VARSL	1.7	. 6	. 3							<u>L</u>	L	2.6	3.6
CALM		> <	$\supset <$	><	><	><	><		$\geq \leq$	$\geq \leq$	$\geq \leq$	5.5	
	23.3	29.0	28.2	1.7.1	1.7	1 5	- 5	7				155.6	0.6

TOTAL NUMBER OF OBSERVATIONS

LISAFETAC	FORM	0-8-5 (OL-A)	PREVIOUS	<b>EDITIONS</b>	OF	THIS	FORM	ARE	OBSOLETE
	JUL 64	0.0.3 (02.74)							

#### SURFACE WINDS

# GULPAL CLIMATOLOGY BRANCH US AF, TAC ATT AFATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KOON-NI RANGE KO	69+70,72+: YEARS	MONTH
		ATHF:2	1200-14 1. HOURS (LIS.Y.)
	CONE	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	1.6	2.7	1.3	3_							7.8	7.7
NNE	6	5	9	. 5								2.5	و ف
NE	2	3	3_									1.1	7.6
ENE	- 5		1.1	. 6								2.3	_7.7_
E	6	1.7	1.1		2							4.4	7.4
ESE		3.2	1.6	. 5								5.6	_ 4.2
SE	1.1	3.5	2.4	• 2								7.1	_ 5.9
SSE	- 5	2.4	1.1	. 2								4.1	5.9
S	1.3	1.9	1.1						ļ			4.4	_5.5
SSW	- 3	• 9	.5	5_	2							2.4	7.9
sw	- 9	1.3	-2	2					ļ			2.5	4.3
wsw		3	1.1	E								3.3	7.5
W	3.6	2.7	- 9	- 9	- r					<b> </b>	L	2.5	ـ قعد
WHW	1.5	3.5	4.7	9	5	?				ļ	ļ	11.3	_1.6_
NW_	1.3	2.2	5.3	. 3.8	1.4			- 2			ļ	14at	17
NNW	1 1 1	1.4	4.6	2.2	6		- 2		<b></b> _	L		المعدا	2.6
VARSL	1.7	- 3	1.1.						L				4.7
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.8	
	19.6	27.3	30.6	13.5	7.9	8	- 3	. 2				inn.c	7.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLOPAL CLIMATOLOGY BRANCH SCAFETAC ATT REATHER SERVICE/MAC

USF V. TH CAUTION SEE FIRST PAGE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TION	K.ich-	NI KAN	9-11-13-20 YEARS							MONTH						
						A - 1 - E	ATHEO						1500	-1700		
		_		ALL ALATHE?												
		_														
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED		
	N	2.4	1.1	1.3	_1.5								5.5	7.5		
Γ	NNE	. 9	9	. 6	• 2								2.5	5.1	ı	
	NE	4		. 6	2								1.1	2.7	ı	
Т	ENE	. 4	. 2.	. 9	.4					]			1.9	٥.		
	E	7	. 9	• 6	- 4								2.6	6.7	ı	
E	ESE	. 7	• 6	. 7	.6.								2.6	7.0	ı	
I	SE	. 6	2.5	9	. 2								4.5	5.3		
Ĺ	SSE	.7		2	. 2								1.5	4.7		
I	5	1.3	1.3	7	.2								3.6	5.1		
L	SSW	. 6	. 4	1.5	. 7	- 4							3.5	9.1		
L	SW	. 7	. 6	1.3									2.5	5.9		
Ĺ	wsw		. 9	1.1	. 4								تعثا	6.5	ı	
L	w	3.0	3.9	2.8	2.1	5							12.3	7 .:		
L	WNW	1.7	3.4	7.7	7.2								13.1	0.3		
	NW	2.1	3.2	4.9	4.9	1.3	- 9	2					17.4	15		
	NNW	1.7	3.5	4.9	3.7								13.3	3.3	ı	
	VARBL	1.7		. 2									2.1	2.9		
	CALM		$\searrow$	$\sim$								><	2.1		ı	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUMAL CLIMATOLOGY BRANCH CTURETAC AT WEATHER SERVICEZMAC

MOREIJAD HEFA TO E THE PAGE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KCON	-NI JAN	SE KS	NNAME			6	71:-	<u> </u>	EARS				IONTH
			N NAME					Ţ	LAND				
	_				<u> ۱۸۲۲ من</u>	ATHE							<u> </u>
					CI	LASS						HOUR	S (L.S.T.)
	-				CON	DITION				—			
	_		<del></del>		·-··					_			
	я —				<del>,</del>	<del></del>			,	,	,	<del>,</del> -	1
SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	liei	2.2	2.5	1.5								ان و ت	7.5
NNE	1.0	1.3	1.6	.3								. 6	2.4
NE	1.1	1.2	7	- 2								د و د	5.
ENE	1.3	- 3	1.2	. 4								3.8	5. ·
E	1.9	2.1	1.1	5_	.1							6.1	5.0
ESE	2.3	3.0	1.6	5								8.3	5.4
SE	1.5	3.9	- C	_ 3								3.2	5.6
SSE	9	1.6	1.4.:									3.5	3.5
S	1.2	1.4	1.0	• 1								7 م ک	5.4
ssw	ذ ه	6	7	3	.1							2.1	7.9
sw	5	- 5	- 5	1		L						1.7	5.6
wsw	ة م	. 4	. 6	4								ة د ا	7.3
w	1.3	1.9	1.2	_ 9	3							J . 3	<b>b</b> = 3
WNW	1.0	2.	3.5	3.4	2	. 1						غەق	0.1
NW	ومنا	1.5	4.0	2.0	1	é		. 2				11.6	11.6
мии	- 9	1.9	4.5	3 <b>.</b> C	. 7	1	2					11.3	10.0
VARBL	1.4	. 4	. 5									2.2	3.9
		$\overline{}$					$\overline{}$					J	

TOTAL NUMBER OF OBSERVATIONS

TEOPAL CEIMATOLOGY APANCH CAFETAC A - NGATHSE SEPVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	ACON-	NI HAM	GE KO	N NAME		<del></del>	69-	73.73-		EARS				- FONTH
		-				ALL AL	ATHER LASS	<u> </u>			<del></del>			-5805 (USIT)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
	N		2.	5.2	3.2								11.2	5.6
	NNE	1.4	1.1	1.4	-6		1	l	1		! !		4.5	1 5.1

SPEED (KNTS) DIR.	1 · 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	, ,	2.	5.2	3.2								11.2	5.6
NNE	1.4	1.1	1.4	. 6								4.5	5.1
NE	_1.1_	3.	. 6			L						4.9	4.5
ENE	2.2	1.1	1.1	• 0								5.2	5.7
E	3.4	6.6	1.1	. 6								11.8	4.9
ESE	3.7	5.5	3.2									12.4	5.0
SE	2.9	3.4	2.5									203	4.4
SSE	2.3	2.6	. 6									و ن	4.1
5	. 7	1.4	. 3									2.6	4.6
ssw		- 3	. 5	• 3								1.1	3 و څ
sw		. 3		- 6								1.4	გ <b>.</b> 2
wsw		. 5											4.5
w		. 5	. 6									1.4	۵۰۵
WNW	- 6	. 6	. 7	1.1		. 3						3.4	10.6
NW	7	. 5	3.2	5.2	. 6							9.8	11.7
NNW		1.4	3.2	3.7	1.1							10.1	10.5
VARBL							<u> </u>				1		
CALM	><	> <	$\times$	> <	>>	$\geq$	> <	$\geq$	$\geq$	$\times$		5 • ₫	
	19.8	31.3	24.4	16.4	1.7	. 3						100.0	b • 5

TOTAL NUMBER OF	OBSERVATIONS	34.8

SECTION OF SERVICEMANCE SERVICEMANCE SECTION OF WIND

#### SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- 73	ALON-NI HANGE KO	69-73.77-81	
STATION	STATION NAME	YEARS	MONTH
	ALL	«EATHER	3930-1100_
		CLASS	HOURS (L.S.T.)
		- <del> </del>	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3	1.9	2.4									5.5
NNE	1.5	1.3	- 5	3_							L	3.7	
NE	9	1.3		- 2			L		<u> </u>			2.1	405
ENE	. 8	2.3	1.3	• 6								5.2	5.5
E	2.4	3.9	2.6	1.6	- 2							17.7	0.6
ESE	2.5	5.3	2.1	-2				<u></u>				10.2	5.1.
SE	2.6	4.7	4.1			L	L	<u> </u>	<u> </u>	l	<u> </u>	11.3	303
SSE	3.	2.1	1.3									4.4	5.6
5		2.3	1.0					L				4.1	5.0
SSW		(:	a	2								2.3	5.9
sw	2	- 2	1.0	1.0		l	L					2.3	ع م نو
wsw		قعا	3_		. 3			L	<u> </u>			1.5	9.1
w			1.1	. 2								2.6	5.9
WNW	ــــــــــــــــــــــــــــــــــــــ	5	1.3	1.3	- 6						L	402	1100
NW	1.3	5	4.2	3.1	1.0		<u> </u>	L		L		9.7	1:00
NNW	1.3	1.7	5.8	3.4	ۇم			<u> </u>			L	13.1	5.4
VARBL	ġ	- 3	1.3		L	L		L				2.4	5.8
CALM		><	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$		1.3	
	.13-5	33.6	31.1	14.9	2.9	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

GEUTAE CEIMATOEGUY BRANCH USAFETAG AIR AHATHER SFRVICH/MAC UST WER DARFINN COEFF TRANS

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	GLON-NI HANGE KO	62-711.73	MONTH
	ALLOS	THE S	1208-1466 Hours (L.S.T.)
	CONE	DITION	

(KNTS) DIR.	t - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.7	1.2	1.3	, ,									ۇ د ن
NNE	5	. 2	. 7		l		İ					1.3	5.1
NE	•	. 2	2									ξ.	. فرد
ENE		.8_	1.3	2								2.5	0.
E	1.3	1.5	2.2.	1.2	E,							6.5	ਤ •
ESE		3.3	7	3								4.7	5.
SE		3.5	2.9	3								7.7	5.
SSE	. 7	1.5	7									2.5	
5	2.7	1.8		3					L			4.3	
ssw	7 _	_ 3		3					L		l	1.3	5.
sw		3	1.7	1.0								3.7	9.
wsw		1.2	1.8	5	3							4.5	
w	1.7	3.3	3.3	2.3								17.6	7.
WNW	3	2.2	5.7	6.3	7	L						15.7	1.0
NW	. 3	3.2	5.5	5.3	5_							14.8	9.0
NNW	1.;	1.3	4.0	3.2	3							16.3	7,
YARBL	્વ		1.2	2								2.5	
CALM	><	><	><	> <	> <	> <	><			> <		1.2	

TOTAL NUMBER OF OBSERVATIONS

# SURFACE WINDS

# ELIMAT CLIMATOLOUV PRANCH LIVETTAD AL ALATHIH SCHVID ZMAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

77	KLGM-NI BANGE KO	69-73.71-51		
STATION	STATION NAME	YE	ZARS MONTH	
		ALL SEATHER	<u> </u>	<u> </u>
		CLASS	HOURS (L.S	3.T.J
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		,	. 4	. 2									
NNE		.,											7
NE	.2	•											5.5
ENE	. 4	. 4	1.	. 4									7
E	1.2	2.4	2.	. 6	ų							٥٠٥	7.5
ESE	. 4	1.5	1.2	. 4								7.0	5.2
SE	. 4	• 5		. 6								1.5	6.5
SSE	. 4	1.1	. 2				1					ا د د ۱	9
S	. ц	ų.		- 2								1.3	5.0
ssw			. 4	1.6								2.0	12.3
sw	o		£	1.6								3.4	ث و د
wsw	.3	- 6	c	1.4		- 4						٠ ٢	11
w		2.3	5.6	7.4	4							13.0	J. 7
WNW	. 4	8. 7	9.5	13.0	- 3							29.0	9.3
NW	1.8	2.5	<b>5.</b> 9	8 د	1.2							17.4	9.7
NNW	<u>. a</u>	2.2	2.4	1.6.	. 5							2.6	5.94
VARBL	1.4	• 2	5									2.2	غود
CALM		$\supset <$	><	> <		><	$\geq \leq$		><	$\supset <$	$\geq <$	ů	
	10.2	24.2	33-0	27.8	3.6	- 4						151.5	3 a E

TOTAL NUMBER OF OBSERVATIONS

REDIAL CLIMATOLDOY RRANCH USAFFTAC A - WEATHIR SERVICEZMAC

# UNE A THICA, THOSE SEA FIGURE AND IN

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 <u>1.13</u>	AUDN-NI PANGE KO			
STATION	STATION NAME		YEARS	MONTH
		ALL SCATHER		
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.3	1.9	? . 4								c	3.
NNE	- 3	. 7	. 9	2			L						5.6
NE	5	1.2	.3	<u>. a</u>		İ	<u> </u>	l		1			4.7
ENE	9	1.2	1.2	• 5							Ì	7. á	4
E	2.3	3.2	2.5	1.1	3_								2.7
ESE	1.5	3.9	1.6	.2								7.4	5.4
SE	1.6	3.1	2.4	• 2								1.5	4
SSE	. 9	1.7	. 6	• 0			I			l		2.3	4.5
S	1.2	1.5	7	.1					l			3.3	4 . 5
ssw	. 4	. 3	. 4	.6								1.7	3
sw	. 2	. 4	1.0	1.1								2.3	9.2
W5W	*	. 7	9	• 6	2	1						,,,,	9.2
w	9	1.9	2.7	1.6	.1						•	7.3	7.9
WNW	a to	2.9	4.5	4.8	<b>a</b> 6							13.4	8 . د
NW		1.4	4.8	4.7	. 8							13.1	13.1
NNW	1."	1.7	4.3	3 a C	. 3							13.7	9.4
VARBL	c	- 2	- 3	.0								2.0	2.4
CALM	><	$\supset <$	$\supset <$	$\supset <$	> <	$\supset <$	$\triangleright <$	><	><	$\geq <$	$\supset <$	1.1	
	15-6	28.0	1E.A	20.2	2.9	. 7						150.0	7.6

TOTAL NUMBER OF OBSERVATIONS

•	USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
	i ·

TELCTAL CLIMATOLOUY READON

LEFTER SECULOUMAL PERCENTAGE FREQUENCY OF WIND

PERCENTAGE FREQUENCY OF WIND

PRECENTAGE FREQUENCY OF WIND

PRECENTAGE FREQUENCY OF WIND

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

KDON-	NI HAY	SE KÚ STATIO	N NAME			<u>101-</u>	7.3.7.3-		KARS				A IONTH
	_	<del></del>			ALL .								-C520
					CI	.A55						HOUP	S (L.S.T.)
	_		<del></del>		CON	DITION			<u></u>				
<del></del>								T				<del></del>	1
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.		1.6	. 3								4	1
NNE	1.1	1.	.1.5							L		2.2	201
NE	3.1		3	7								107	4.4
ENE	1.8	1.2	1.2						L	l		4.5	4.6
E	4.9	3.1	2.2	1.3								12.1	5.3
ESE	7.7	4.4	. 8									12.7	3.5
SE	3.1	4.1	1.5									7	4.3
SSE	., 3	2.6	.5									2.4	4.1
S	1.5	2.6	1.:									1 . 1	5.3.
ssw	1.3	2.3	ــــــــــــــــــــــــــــــــــــــ	3								ا و خ	5.6
sw		1.3.	. 5									2.3	4.6
wsw			. 5									i	7.3
w	1.2	1.3	1.5	1.5								5.4	3.6
WNW			1	1.3	1.						_	4.6	1:.7
NW	5	1.1	1.5	2.6	ť							6.2	2.9
NNW		1	3.1	2.6	1	- 3						3.5	11.5
VARBL	â	3										1.0	2.3
CALM	> <		><	> <	$\supset \subset$	> <	$\supset \subset$	$\supset \subset$		$\supset <$	> <	a • 1	
	7.7.0	30.0	20.3	10 5	3.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

CLOSAL CLIMATOLOGY BRANCH USAFETAC AID WEATHER SERVICE/MAC

LISE MITH - 40 LOW!

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		7 - 79 YEARS	MONTH
		ALL MEATHER CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N			1		и							4.4	. 6
NNE		1.2	. 4									الم الم	9.5
NE	- 4		. 7	. 6		L							7.3
ENE	1.5	1.2	, ц	. 4	<u>. u</u>	l			Ĺ	Ĺ	l	3.5	7.4
E	. 9	2.9	2.8	1.3	.1							ـ فعقـــــ	7.5
ESE	1.3	5.5	1.9	3_					L		l	9.1	3 - 3
SE	-3.2	5.4.	2.2	4							L	11.3	5.2
SSE	1.3	2.5	1.0									200	4
S	2.1	2.6	_ 4	- 1							L	2.3	4.4
ssw			. 4		-1						L	2.5	7.1
sw	3	1.3	7									2.9	5.1
wsw	1.	3	1.0						]			3.2	5.5
w	1.2	2.2	2.6	1.2		.1				<u> </u>		7.9	6.6
WNW	1.2	2.5	2.5	1.8	7	- 4						نون	9.3
NW	1.0	1	3.4	2.4	5_	3	l			L	L	4.4	15.2
WMM	-1	1.2	3.€	2.5	- 3	1						7.9	1401
VARBL	2	- 9			3			<u></u>			L	3.4	4.4
CALM	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.3	
	∠ 3 • Z	32.6	26.0	13-7	3.5	1.0	,					133.0	7

TOTAL NUMBER OF OBSERVATIONS

)	USAFETAC FORM O-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
	·

GESTAL CLIMATOLOSY SRANCH
USAFETAC
ATS ALATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF WIND

US WITH DUTION SEE FIRST PAGE

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	6 CN -	NI KAN	SF KS	NAME			<u> 65-</u>	76.73-	79	EARS				A -
						ALL HE	ATHES							-14]
		_				CL	ASS				_			5 (L.S.T.)
		-				CON	DITION				 			
ſ	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
t	N	1	- 2	•1	.6	-1							1.2	11
· · · · · · · · · · · · · · · · · · ·	NNE	غ ف	4						<u></u>				تعد	3.3
[	NE	3	4		.1	1					l		1.2	7.1
	ENE	. 4		- 5	4		Ī						2.4	0.6
Ţ	E		- 6	2.4	1.2	.1							4.0	3.0
[	ESE		2.4	2.1	6	1_							5.7	5.7
[	SE	. 7	1.0	. 9	. 4								4.0	ن و ن
	SSE	. 3	1.3	. 6									2.7	2.4
	S	1.5	2.1	. 6	1						l	L	9.3	4.4
[	ssw	. 7	1.1	1.6	. 4		1						4.0	7.4
[	SW	1.2	_ 6	. 7	3	. 3				Ł _			3.1	7.1
[	wsw	1.2	1.6	6	_ 4								ب د د	غوذ
[	w	1.0	3.9	5.7	3.6	5_	3_		3	L	I		15.4	9.5
[	WNW	1.2	6.0	8.5	6.9	1.2	3	1					25.2	9.3
Ī	NW	1.7	4.2	3.1	2.7	1.2	• 1						12.0	8.7
Ī	NNW	4	1	1.6	6_	. 4							4.2	2.3
Ī	VARBL	1.5	1	. 1	- 3		1_						2.2	5.6
[	CALM	><	$\supset <$	> <	><	><	> <	> <	><	$\supset <$	><	><	1.0	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS	OF THIS FORM ARE OBSOLETE	

SUPPAL CLIMATOLOGY BRANCH USAFETAC 110 JEATHER SERVICEZMAC

STATION STATION NAME

### SURFACE WINDS

1533-1732 HOURS (L.S.T.)

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				CON	DITION				<del></del>			
<del></del>	-		·····	· · · · · ·			··········					<del></del> -	T
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N			1									1.2	Ī
NNE ,			3										Ι
NE	,		_ =	2								8	Ţ
ENE			. 3									1.3	l
E	3	7	5	9								2.7	1
ESE	7		2	3								1.2	1
SE				3_								2.07	1
SSE			1									1.7	1
5	1 1.2	نم	[			L						1.8	1
ssw			5									1.3	1
sw			Lai	ے د						L		2.4	1
wsw			1.:	1.3				- 3				3.5	1
w		4.7	3.1	4		1.2						19.6	1
WNW	1-1-7-		134	1.2	1.1		Ĺ					36.6	1
NW	1.5	447	5.2	1.2	نم	ļ	L			II		14.5	1
NNW	, ,	1		. 7	خمد ا			i i		I		5.4	1

TOTAL NUMBER OF OBSERVATIONS 595

1.3

SELECTION AND SPEED

EDELL FOR CAUTION

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KUCN-NI RAMCE KO	35-70-77-79 YEARS	MONTH
	ALL **	ATHE?	HOURS (L.S.Y.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		4	0	- 6	2							2.7	5.7
NNE		7	5									1.9	4.5
NE			- 5	3									L = 4
ENE	. 7	. 9	. 6_	. 4	2.							6.0	7.2
E	1.2	1.7	2.2	1.2								t 4	7.1
ESE	1.9	3.1	1.3	3								5.7	5.2
SE	1.5	3.0	1.4	3								5.6	5.2
SSE		1.9	. 7	<b>A</b> C								3.6	5.1
5	1.5	1.2	5_	1								4.1	4.7
SSW	3	• 9	9	. 4		3.6						2.1	6. :
SW	. 7	, G	. 9	• 2	.1							2.7	<b>5.</b> 6
wsw	â		- 9	6				.1				3.1	7.7
w		7. 2	4.7	2.9	4	4	. c.					12.7	9.3
WNW	1.5	4.3	7.9	5.1	1.1	~						28.2	. 9 . 4
NW	1.1	2.7	3.4	3.	3.	. 1						11.1	9.1
NNW	4	1.2	2.6	1.5	4	. 1						3 مان	9 4
VARBL	1.2	3	2.0	.1	. 3	î.						2.5	0.1
CALM			$\supset <$	><	><	$\supset \subset$	><				><	2.2	
	17-3	25.3	29.9	17.2	3.9	1.1	- 1	.2				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

MULTIPLE MILH DESTRICT

LE AL CLIMATOLOCY BRANCH : COSEFTAC A PATHON SERVICE/MAC

SEE FIRST PAGE

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	N. GN-NT BANGE KO STATION NAME	63-713-74	YEARS	MONTH
	AL	CLASS CLASS		HOURS (L.S.T.)
		CONDITION		
		<del></del>		

NNE	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ \$6	*	MEAN WIND SPEED
NE     3.1     3     6     7       ENE     3.1     2.3     5       E     4.5     4.5     2.3     5       ESE     3.2     7.3     1.3     5       SE     4.1     3.1     1.5     2       SSE     2.3     2.9     1.0       S     1.3     1.9     1.3     3       SSW     1.0     .3     1.0     4.3       SW     1.0     .3     1.0     4.3       SW     1.7     2.2     1.8     3     5.3       W     1.3     5.5     5     3       WNW     1.2     1.3     8     1.2     3       NW     3     1.2     1.5     5     5       NNW     3     1.2     3     3       VARBL     3.2     3     3     3	N		Las											ا موا
ENE 3 2 2 3 5 5 5 12 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	NNE	. 7		.5										
E	NE	د	. 3	<u>s</u>	.3					I			4.6	و ز
ESE	ENE	3.1	2.3	• 5									5.6	3.
ESE	E	4.5	4.5	2.3	• 5		[						12.5	5.
SE     4.7     3.1     1.5     .7       SSE     2.3     2.8     1.0        S     1.3     1.8     1.3     .3        SSW     1.0            SW     1.1            WSW     1.2      1.8          WNW     1.2             WNW     1.2     1.3               NNW      1.2     1.5     1.5	ESE	3.8		1.3	. 5		I						13.3	4.
SSE   2.3   2.9   1.11	SE		3	1.5	. 3								9.3	4.
\$ 1.3 1.6 1.3 .3 .3 .4.5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .	SSE			1.0									برون	4.
SSW 1.C .8 1.5 1.0 4.3 SW 1.C .8 .5 .7 WSW 1.7 2.1 1.8 .3 W 1.1 3 .5 .5 .7 Write	S			1.3	. 3									Š.
SW 1.1 8 5 7 2.3 4.5 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5.3 5	SSW	1.0	a ä		1.0					I			4.3	7.
W 1 1 3 5 5 5 7 7 1 1 5 5 1 5 1 5 1 5 1 5 1 5 1	SW			. 8		7								7.
WNW 1.5 1.3 .8 1.5 .7 .7 .4	WSW	1.7	2	1.8	. 3					I			5.3	5.
NW 3 1.2 1.5 1.5 .5	w	<u>L</u>	1.3	.5	-5		3						3.5	7.
NNW	WNW		1.2	1.3	- 8	1.0		3					4	11.
VARBL 3.3	NW		1.2	1.5	1.5	, c							5.5	9.
VARBL 3.2 23	NNW	. 3	• 5		. 5								1.5	0
	VARBL												3.3	2.
	CALM		><	><	><	$\supset \subset$	> <	> <	> <	$\supset <$	$\supset <$	> <	9.0	

TOTAL NUMBER OF OBSERVATIONS

SECTAC AT A CATHATOLOGY BRANCH OF AFETAC

VARBL CALM

73 MOON-NI RANGE KO

# USE WITH CAUTION SEE FIRST PAUL

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL #E	ATHES							-1100 (USA)
	-					DITION						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	. 7	. 6	1.3	- 4								3.1	7.
NNE	1.0	á	. 6									2.2	4.5
NE	3	<u>ۇ.</u>	. 7	-1								1.6	5.0
ENE	. 3	• 7	1.3	6					L			2.7	8.1
E	1.6	3.5	3.7	1.5								9.7	6.8
ESE	1.8	4.8	4.2	. 3								11.1	5.1
SE	1.6	5.1	2.1	. 7								9.5	5.8
SSE	1.2	3.3	1.0									خمنيا	4.9
<u>s</u>	2.5	2.5	1.6	-6								7.3	5.7
ssw	1.6	1.3	1.3	. 7	. 4							5.5	. 7.1
sw	- 6	2.4	1.3	- 9_					<u></u>			5.3	7.1
wsw	1.2	1.2	1.2	. 4						[		5.5	5.9
w	2.2	3.5	2.4	1.2	1.3					<u> </u>		13.3	توكيا
WNW	1.5	2.1	.1.5	1.0	1.3	3	L	L	L	L		7.7	9.4

TOTAL NUMBER OF OBSERVATIONS

USAFETAC	FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
-	•

CLUPAL CLIMATOLOGY BRANCH USAFCTAC ATHER SERVICEZMAC

NORTH FOR BUT

#### SURFACE WINDS

# SEE FRISH PAGE PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

P : 9V -	NI RAN	SE KO				55-	7 7 ?	7.9	EARS			A	ONTH	_
		\$121101	NAME					•	EARB					
	_				بيماخه	AND						12		
					ÇL	A45						HOUR	8 (L.S.T.)	
	_				CON	DITION								
			<del></del>				······							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	*	MEAN WIND SPEED	
N		3	1.1.1	. 3								5	= 3	
NNE				7									11	ļ
NE				2	٢							1.4	2.2	
ENE			. 3	1.1									11.5	ļ
E	. t:	1.2	2.1	1.7	,							ت د	9.1	ļ
ESE	5	9	1.5	3.		,						3.€	8.1	ļ
SE	1.1	1.3	1.2	6								4.7	6.2	ļ
SSE		2 م ك	. 3	2								4.4	5.4	J
S	1.1	2.5	. 3	5	- 2							4.7	5.4	ļ
ssw	i.i	b	1.2	5	- 6							4.0	5.5	
sw	6	1.4	2.5	2.5	. 3							7.4	9.4	l
wsw		1.2	2.6	. 8								5.5	3.1	
w	1.1	3.4	7.0	4.3	1.7	. t				L		21.1	-9.3	ı
WNW	1.3	4.9	5.2	2.9	8	£			Ĺ			15.2	0.7	
NW	. 3	2.3	2.3	. 2								5.0	6.2	
NNW	1.1	1.2	_ 2 • _	2					l			4.4	6.0	
VARBL	1.5	1.1	.2									3.1	3.4	J
CALM	> <			> <						$\sim$	$\sim$	2.3		I

TOTAL NUMBER OF OBSERVATIONS

BUT HAL CLIMATOLOGY ASANCH BUT WITHOUT ON SEE FRONT AGE
AT A LEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

4 73 KOON-NI RAGGE KO

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL ME	ATHER ASS						1500 Hour	
	-				CON	DITION							
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N		1.	4.1	. 5								2.6	T
NNE												2	L
NE		. 3										1.7	L
ENE	. 3	• 5	• 7	. 2	. ?					1		1.7	T
E	. 2	• 2	2.3	- 2								3.6	L
ESE	5.	_ 3	13	5					L			1.7	Ι
SE	. 5	1.0	• 7									2.3	L
SSE			2	. 5					[	[		1.2	Ι
\$	. 2	7	. 3	_ 2	. 2	-3						1.0	L
SSW		7	1.4	. 0	. 7							4.2	L
sw	٤	. 3	2.2	2.4								5.9	L
wsw	. 5	3	4.5	1.4	3				<u> </u>			7.1	
w		3.1	3.8	7.1	2.6	L						22.5	L
WNW	1.6	5.2	13.9	3.1	3_	3	<u> </u>					21.5	1
NW	1-1-	4.2	7.5	1.0							L—-	13.7	$\perp$
NNW	Ę.	1.7	1.9									4.2	1
VARBL	1.2	5	1.0		L				L			2.8	L
CALM												1.2	ì

TOTAL NUMBER OF OBSERVATIONS

SUBBAL CLIMATOLOGY BRANCH USAFETAC ATT REATHER SERVICE/MAC USE WITH CAPTION SEE FIRST PAGE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 7 7 3	KCON-NI HANGE KO	0°-73,73-79	MONTH
		ALL REATHER	ALL HOURS (L.S.T.)
		CONDITION	_
			<del></del>

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	. 3		. 3									6.2
NNE			_ 3			<u> </u>	<u> </u>					1.1	5.6
NE	7		6	.1	- 2								5.4
ENE	• 7	_ 7	8	. 5								2.3	7.1
E	1.4	2.2	2.5	1.2	1							7.5	7.1
ESE	1.4	3.1	2.n	. 5								7.1	5.5
SE	1.6	2.9	1.4	. 4								u • 3	5.5
SSE	1.1.	2.3		. 2								4.2	5
. S	1.3	2.0	. 9	. 4								4 . 7	6
\$5W	1.0	. 9	1.3	7	5_	<u> </u>						4.5	8
sw	6	1.2	1.2	1.7	2	1		L				ة و دُ	6
wsw	اتملا	1.5	2.5				<u> </u>		<u> </u>			5.9	7.
w	1.1	3.5	5.0	3.4	1.5	- 7						15.1	9.
WNW	1.3	3.6	4.9	2.0		3_						12.1	8.0
NW		2.5	2.9	7								9.9	7.0
NNW	. 7.	1.1	1.3	1_1_			L				Ĺ	2 و ذ	6
VARBL	2.1	9	. 3	<u> </u>		Ļ						3.3	_3.5
CALM	><	><	$\geq <$	><	><	><	><	> <	$\triangleright\!\!<$	> <	> <	3 • 3	
	17.9	30.1	33.1	13.3	3.9	9						123.0	7.

TOTAL NUMBER OF OBSERVATIONS 2302

SEL 405" PAGE

CLORAL CLIMATOLOGY BRANCH CHAFFTAC ATT WEATHIR SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	K ON-NI BANGL KO		-79	MONTH
		ALL ATHER		HOURS (L.S.T.)
		CONDITION		
		·		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	. 3	1.5									ا فا و ز	ڏه ٿ
NNE	3	_ 3	. 3.									1.02	4.5
NE	1.0	خ	1.0	. 3						]		3.1	6.1
ENE	1.	1.3	۶.	. 5								3.6	5.7
Ę	3.1	4.1	1.3	c.								3.9	4.7
ESE	4.3	3.3	1.3			l						5.9	4.1
SE	4.3	6.6	1.0		Γ	L		L				1	402
SSE	1.5	3.2	5									5.9	4.4
S	.7.5	3.1	1.0									9 و ن	4.3
SSW	1.2	2 5	1.5			L						5.9	لوذ
SW	9.5	4.1	. 5.									5.6	4.1
wsw	1.3	1.0	1.3	8		L						اغدا	
w	1.3	2.3	1.6	1.3								5.9	
WNW		1.5	1.5	3					<u> </u>			4.1	5.5
NW		3	3				l					1.0	ء د
NNW	- 5	- 3	5						L			1.5	4.0
VARBL	7.5	.3										2.3	2.
CALM		$\supset \subset$	> <	> <	><	> <	> <	> <	><	><	$> \overline{<}$	12.5	
		37.4	15.3	3.6								11.0.0	4

TOTAL NUMBER OF OBSERVATIONS

CECHAC CLIMATOLOGY RRANCH COATSTAC ACC GEATHER SECULOS/MAC



# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

- بلاثانية	NI KAN	STATIO	NAME			<u> </u>	7 . 7	<del>79</del>	EARS				ONTH
								•					
	_				ALL AL	ASS							5 (L.S.T.)
												HOUR	s (C.S.T.)
	-				CON	POITION				_			
SPEED (KNTS) DIR,	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		-,	£	3								1.5	5.2
NNE	- 2	٤	• 3	. 3								1.2	ن <u>،</u> د
NE	. 6	. 5	3.	. c								2.5	.5
ENE	- 6	. 9	. 5	. 6								2.6	ع و ه
E	۲,	2.5	1.4	8								2.5	٤.4
ESE	1.2	4.	2.5	. 5								غ د د	5,9
SE	2.5	4.3	2.0									9.1	5 . 1.
SSE	2.2	4.5	1.7									ڏو ڌ	4.7
S	9.7	2.0	1.5	. 2								5.0	4.4
SSW	1.5	2.5		. 2								5.1	5.2
sw	1	2.3	1.2	- 5								5.9	5 4
wsw	2.3	2.5	2.6	. 5								8.0	5 5
w	4.0	4.8	2.8	8								12.3	3.5
WNW	1.7	2.3	2	- 3	,							7.1	5.7.
NW	1.2	1.1	- 6	. 2								3.1	5
NNW	Ε,		. 5	. 2								1.5	5
VARBL	2.0	1.2										5.2	3.5
CALM	$\supset <$	$\supset <$	> <	$>\!\!<$	> <	> <	> <	> <	> <	>	$\times$	5 • 2	

TOTAL NUMBER OF OBSERVATIONS 649

LESTAL CETMATOLOGY PRANCH

DIATITAT

AT TRATH & SERVICE/MAD

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

the Market Market Conference of the Conference o

#### SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	<u> </u>	-141   [Ata	GE KO	N NAME			- 2:0	74.17-	7.2	EARS				A Y
•						ALI 45	ATHER							-1475
		_					ASS				<del></del>			S (L.S.T.)
		_				CON	DITION							
							2111011							
		_												
	SPEED (KNTS)	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND
	DIR.	ļ		<u> </u>	<u> </u>	ļ		ļ			<b></b>			SPEED
		¥	- 9		<u> </u>	<u></u>				<u> </u>	<del> </del>			1-1-1
	NNE	ļ	- 2					ļ					1.4	7.7
	NE	<b></b>	1.1.	2_	5_			ļ		L	ļ		2.2	9.4
	ENE	1			. 6						L		1.7	12.5
	E	12	1.2	٦	-3								1 - 7 - 7 -	5.3
	ESE	1.1.1	. 6	. 9	5					<u> </u>			نوز	5.4
	SE		1.7	1.1									3.9	6.3
	SSE		1.1										2.5	4.4
	S	3	2.5	6	. 2								5.3	4.4
	\$5W	1.4	1.9	8	. 2			[					4.2	4.5
	sw	2	1.2	2.2	. 3	ď		I					1 2	7.4
	WSW	2.6	2.3	2.5	• 5								2.3	څه د
	w	1.9	5.5	9.2	3.6								32.3	30
,	WNW	1.9	7.5	15.8	ç								21.2	7.1
	NW	1.1	2.5	2 4 3	- 5								0.5	6.1
	NNW	1	1.2	1.2	-2						1			<b>0.2</b>
	VARBL	2.7	1.1		T						1		4.1	3.3
	CALM				>	>	$\sim$	> <	>>	>>			1.7	
		<u> </u>	~					$\leftarrow \rightarrow$			¥>			

TOTAL NUMBER OF OBSERVATIONS

GECTAL CLIMATOLOGY RRANCH USAFETAC ATH AFATHER SERVICE/MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MCON-NI LANGE KZ	6-7, 17	-79 YEARS	MONTH
		ALL WEATHER		HOURS (LIST)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.										0.2	ته و
NNE	4_	,	7	- 4								1	7.8
NE	نو	. 7		. 2		Ĺ			L			105	4.0
ENE			. 2	. 7								1.1	14.2
E		,	- 4	• 2								7	0.5
ESE			2	- 2								, t	ے ف
SE			4	. 2						]		Ģ	6.5
SSE		. 7	. 2									G G	
5	. 4	1.1	. 0									_ 2.4.	ے و د
SSW	• 2	• 7	1.7	7								3.3	3.1
SW		1.5	2.2	. 4	2							4.2	0.2
wsw		1.5	1.3	7		- 2						3.9	0.3
w	1.1	3.7	13.7	4.3	4							23.5	وَود
WNW	1.7	7.4	15.1	4.4	• 2							7.00	تأهاض
NW	- 6	5.2	9.4	. 6								15.7	7.2
NNW	1.3	3.7	2.1	• 2								5.5	5.7
VARBL	1.7	. 4	2									1	3.1
CALM	$\geq \leq$		$\geq <$	><	$\geq \leq$	$\geq <$	><	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	, 9	
	8.3	27.5	48.5	13.7	- 9	.2						15.0.3	7.7

TOTAL NUMBER OF OBSERVATIONS

US WITH CARDON

# SURFACE WINDS

# SEE FIRST PAGE U. 18 TAC A SEE FIRST PAGE PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		2-79 YEARS	MONTH
		ALL VEATHER		ALL HOURS (LIST.)
		CONDITION		
			<del></del>	

SPEED (KNYS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1	à	2								_ 3	
NNE	4	4	- 4	. 3								l iai	c • 7
NE_	ــــــــــــــــــــــــــــــــــــــ	3	4	. 4	.1							200	7.4
ENE	4		, ti	. 6								1.5	c • 7
E		نعذ	1	. 4								4.1	<u>ئ</u> و د
ESE	1.4	2.	1.3	. 3									5.5
SE	1.7	3.1	1.2	. 2								J.1	5.1
SSE	1.1	2.5	7									4.3	4.6
s	, -	2.3	.1.1	1								ئەن	4.5
ssw	1.2	1.9	1.1	- 3								4.5	فعد
sw	1.1	2.1	1.6	. 3	2					L		3 م ز	شه د
wsw	1.8	2.1	2.2	6								7 و ځ	6.0
w		4.3	2.5	2.7	-1-							1003	7.7
WNW	l i a t	5.1	7.6	1.5								15.9	7
NW	0	2.4	3.3	-3				ļ <u> </u>				6.9	. 6 . 6
NNW	7	1.2	1.1	.1_								3.2	5.7
VARBL	_ ئەئ_	3										5.1	3.1
CALM	><	$\geq <$	$\geq <$	$\geq \leq$	><	><	$\geq <$	$\geq \leq$	$\geq <$		><	4.4	
	.1.1	34.2	31.0	6.4	3	. 1						1500-6	

TOTAL NUMBER OF OBSERVATIONS

USE WITH CARTING SCE FIRST PAGE

CLIPAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

45 73 KEON-NE RANGE KO
STATION STATION NAME

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

C		D		A	~	W		M		•
3	v	ĸ	г	M	v	₩	ı	П	ע	2

	_					VIHE:							<del></del>
					CI	LASS						HOUR	IS (L.S.T.)
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	. 3										2	3.1
NNE	. 5	1.2	. 3									1.0	4.5
NE		. 3	. 3									1.5	4 . 3
ENE	• 9	• 3	• 9	• 3		l						2.5	6.2
E	3.5	4.1	2.8	• 3								10.7	5.0
ESE	4.8	5.1	1.3	. 5	• 3							12.5	4.9
SE	6.1	3.2	2.9									12.7	4.3
SSE		1 0	, ,				1		T			7 //	

N	1 1 . 3					L	1					2	3.
NNE	. 5	1.2	. 3									1	4.
NE		3	3									1.5	4 .
ENE	• 9	• 3	. 9	• 3								2.5	
E	3.5	4.1	2.8	. 3								10.7	Ś.
ESE	4.8	5.1	1.3	ς	• 3			I		ĺ		12.5	4.
SE	6.1	3.3	2.9									12.7	4.
SSE	+•1	1.5	1.5					7				7.4	4.
5	2.5	3.5	1.	. 5								7.6	4.
SSW	3.3	2.0	. 3	. 3								5.9	3.
sw	1.5	2.2	5						Ĭ.			4.3	٠,
wsw	1.0	1.0	• 3	. 3								3.3	. 4 .
w	1.5	3.3	1.3		• 7							7.1	. د
WNW	1.:	1.3	Ę	5		I						3.5	6.
NW	1.3					I						1.3	2.
NNW	1.3	. ?								I	1	1.3	3.
VARBL	4.3	. 3						I				4.5	. 2
CALM	$\geq \leq$	$\geq \leq$	$\geq <$	><	$\geq$	$\geq$	$\supset <$	$\supset <$	$\geq$	$\geq <$	$\supset <$	9.4	
	40.5	32.6	14.5	2.5	. 5			T			Ī	100-0	4.

CLICHAL CLIMATOLOGY - PANCH
USAFETAC
ATH AFATHER SERVICE/MAG PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED

WITH CAUTION

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4	NUCH THE REPORT OF THE PROPERTY OF THE PROPERT	5:-73:12-79	
STATION	STATION NAME	YEARS	MONTH
	AL	L MEATHE?	<u> 1930-114</u>
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 3	,											4
NNE	1.1	- 6										1.5	∠.3
NE		1.1	. 3	. 3			<u></u>					1.:	َ و ب
ENE	.3	• 3	9	. 6								2.6	7.5
E	. 5	3.1	2.1	9		- 2						6.2	7.6
ESE	1.2	2.9	1.7	1.1		L			<u> </u>			6.5	0
SE	2.4	د و د	2.4	9				Ì		<u> </u>	İ	11.3	نوکا
SSE	2.5	4.4	1.4	. 5								2.1	
5	تعقا	3.2	1.9	. 3		L						10.7	4.6
SSW	2.1	1.2		2							<u> </u>	4.1	4.
sw	طعا	2.	2	. 2								4.4	4 .
wsw	3.3	1.4	ة م	. 3					ļ -			5.7	د د د
w	4.7	4.1	2.9	- 5								12.5	
WNW	وور	2.4	6								L	5.9	3.3
NW	1.4	2.1		Ĺ								3.9	4
NNW	1.4	. }	3									1.6	3.6
VARBL	4.7	1.1										5.7	2.0
CALM	$\geq <$	><	$\geq <$	><	><	$\supset <$	$\supset <$	$\geq <$	$\triangleright <$	><	><	5.7	
	35.3	36.4	16.2	2.9	. ,	_						184.3	4.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
ALB ASATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND

CALM

STATION STATION NAME

# THE PAGE PAGE

#### SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					CI	LASE						HOUR	15 (1.5.1
	-				CON	DITION				<del></del>			
SPEED													MEA
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	SPE
N		1.1										1.2	و ر
NNE	• -		ι.										7.
NE	2		2						<u> </u>				4.
ENE	. 2	3	2	. 3								1 101	٠.
E	. 9	1.2	1.4	9	. 3							4 . 7	١ŝ
ESE	-6	2	2.3	. 8								5.6	7.
SE	2		1.5	. 2	. 3				<u> </u>			2.7	. 5
SSE	1.1	2.6	1.3	3								3.8	5
5	2.7	2.3	_ 9									5.5	4
SSW	1.1	1.5	1.5	.6								4.7	٥
sw	ير	ئوا	- 8	2		L						3.2	5
wsw	1.7	2.9	2.1	. 3				l	ļ			7.5	تا
w	2.7	0.7	4.1	1.1.				ļ	ļ			14.5	ء
WNW	40.	7.2	5.5	1.1	ļ <u>.</u>	ļ						17.7	ئا
NW	2.4	6.4	4.7	- 5					ļ	L		13.5	5
WHH	5	1.8	1.2	<u> </u>		L	L	L	l			3.7	ن ا

TOTAL NUMBER OF OBSERVATIONS

GEDEAL CLIMATOLOUY ROANCH

USAFFIAC

ASAFRATHER SERVICE/MAC

PERCENTAGE FREQUENCAGOF WIND

DIRECTION AND SPEED

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	NION-NI SANGE KO	69-74-77-79	YEARS	MONTH
	A	CLASS	<del></del>	HOURS (LIS.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.2	1.2	. 7									3.2	4.0
NNE	. 2										L	-4	تعنا
NE	- 2		. 4					L					2.7
ENE			• 7									1.1	9.5
E	. 0	- 9	r.	1.2	- 4							3.9	9.2
ESE	1	. 3	1.4	.2					i			2	7.6
SE	4	-2	. 7	. 4								1.5	7.2
SSE	5	. 3		, t.	2		· ·	}				2.5	لعت
S		9	. 9	. 7	_ 2							3.2	8.1
ssw		7	. 7	. 4				I				1.3	6.2
SW	. 4	1.1	1.5									3.2	7.1
wsw	- 5	. 5	2	1.1								3.C	8.5
w	1.2	2.7	7.4	4.2								15.7	5.7
WNW	1.4	15.1	14.3	3.7								23.5	7.4
NW	1.5	5.2	y . 5	1.6								19.1	7.4
NNW	- 5	2.7	1.9	• 2								5.3	5
VARBL	1.9	- 9										2.8	3.2
CALM	> <	$\supset <$						$\supset <$	$\supset <$	$\supset <$	><	• 5	
	11-5	29.9	42.4	14.1	1.2							120.0	7.5

TOTAL NUMBER OF OBSERVATIONS

USE WITH TEHTION SEE FIRST PAGE

SURFACE WINDS

ELCHAL CLIMATOLOGY BRANCH USAFETAC AL AEATHER SERVICE/MAC

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	68-75	73-79 YEARS	Ju' MONTH
		ALL JEATHER CLASS		HOURE (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	7	<u>. 3</u>										1.7	4.0
NNE		4	. 3		Ĺ <u> </u>						L	1.1	4 .
NE	2	. Li	_ 3	-1		I						1.1	ه د
ENE	,	• 5	• 5	. 3	. 1							1.5	7.
E	1.2	2.1	1.6	. e	- 2	1						6.1	7.
ESE	1.4	2.5	1.7	• 7								٥٠3	5.
SE	1.9	2.4	1.8	. 4	• 1							6.6	5.
SSE	1.7	2.5	1.4	. 4								6.5	t t
S	2.2	2.6	1.2	.5	,							7.1	4.
55W	1.5	1.3	-8	. 4								4.0	5.
SW	1.1	1.5	0	- 1								3.3	5.
wsw	2.2	1.5	1	. 5								5.2	
w	7.4	4 . 3	4.2	1.5	1							12.8	ه ب
WNW	2.5	5.5	5.4	1.3								14.7	- 6.4
NW	1.7	4.0	3.7	. 5								10.0	
NNW	. 3	1.5	1.0	.0								3.4	. 5.
VARBL	3.7	1										4.7	- 2.
CALM	> <	><	$\times$	$\times$	$\supset \subset$	$\geq$	> <	$\times$	$\supset <$	$\supset <$	> <	3.5	

TOTAL NUMBER OF OBSERVATIONS

Stemat Climatology Branch Limpsitac al Weather SE-VICIZMAC USE WITH CAUTION SEE FIRST PAGE

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	N. GN-NT PANGE KO	63-74.73-79	MONTH
		AIHEA	600-0800 Hours (L.S.T.)
	COM	DITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Z	3	1.1	5	• 3								2.5	2 و د
NNE	r.	. 7	1.3	- 5								2.6	7.6
NE	• 5	<u>. ਜ਼</u>	2.6	2.4								4.4	7.5
ENE	1.3	1.3	1.8	• 3								ს.2	5.5
E	1.5	4.7	3.6	• 5						1		10.4	6.
ESE	7.4	4.4	2.1	. 3	. ;							10.4	5
SE	3.6	5.5	2.9									11.9	4.
SSE	2.6	3.1	1.3									7.5	4.
5	3.4	2.3	2.3									3.6	_5
ssw	3.1	3.6.	2.1	• 3	ξ,					<b></b>		7.6	5.
SW	H	- 3	- 5									2.1	4.
wsw	1.0	. 2	. 3									2.1	3.
w	1.5	9	1 - 3			-	-		l			3.6	4
WNW	1 - 3											2.5	مد
NW												.5	2
NNW	,	.3	- 4									1.3	6.
VARBL	1.9		<u></u> _						<del> </del>			2.3	2.
CALM												12.2	
CALM	$\sim$			$\sim$								14.02	

USE WITH CAUTION

ANCH SEE FIRST PAGE

DECRAE CLIMATOLOGY BRANCH USAFETAC AIH ASATHER SERVICE/MAC

# SURFACE WINDS SE FREQUENCY OF WIND

PERCENIAGE PREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

43273	KION-NI RANGE KO		79			
STATION	STATION NAME		YEARS	MONTH		
		ALL REATHER		1950-1106		
	<u> </u>	CLASS		HOURS (L.S.T.)		
			_			
		CONDITION				

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.7	.8.									1.7	
NNE		<u>.</u>	5	6								1.8	9
NE	.2	. 5	1.0	. 5								2.1	3.5
ENE	• 2	_ • 5	1.4									2.3	7.1
E	1.3	3.9	5.8	1.4	2							12.2	7.
ESE	1.9	3.1	2.9	. 5								8.5	5 .
SE	2.6	5.8	2.6	. 3						I		11.3	5.
SSE	2.3	4.2	2.7	3								9.5	5.
S	_1ءذ_	5.6	3.4	. 2								14.3	4.
SSW	1.1	2.3	2.4	1.3	5							7.6	م ف_
sw	1.1	1.3	1.4	- 2	2			<u></u>				4.2	6.
wsw	1.6	. 8	. 5	2								3.1	4.
w	2.6	1.3	1.3	. 3	L				<u> </u>			5.5	4.
WNW	1.5	1.5	3									3.5	3
NW	1.3	3	. 3									1.5	لمك
NNW	1.4	. 5	. 8									2.9	4.
VARBL	1.8	1.4			L							3.2	ءذ
CALM	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq <$	$>\!\!<$	4.3	
	25.9	34 - 7	28.1	5.9	1.0							100.0	2

TOTAL NUMBER OF OBSERVATIONS

CLOCAL CLIMATOLOGY SHANCH CLAFTIAC Bit Whather SE VICE/MAC

USE WITH CAUTION

#### SURFACE WINDS

# SEE THASE TAGE PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	M.COM.	NI RAN	SE KO	N NAME			<u>6:-</u> '	773-	79	KARS			<u>J</u>	ONTH
		_				ALL -	ATHER							-1475 * (L.S.T.)
		_				CON	DITION							- (,
	SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
- 1	N		,,	Lati	-2								1.5	7.3
-	NNE	. 3	. 3	. 5	.5								1.5	7.2
- [	NE	. 2	.2	3	r								1.5	5.5
Į	ENE	. 2	. 7	1.3	1.0		I						3.1	6.6
Į	E	. 3	1.1	1 م وا	1.5	_ ^							1.7	3.3
l	ESE	- 5	2.1	3.6	a								7.0	7.3
	SE	1.1	2.6	1.6	. 3								5.7	5.7
ĺ	SSE	د م	2.5	2		. 2				<u> </u>		l	5.4	5.9
Ì	5	2.9	3.3	2.9	. 7								10.3	5.6
İ	SSW	1.5	4.1	2.6	1.5						l		10.0	5.6
ı	sw	1.1	1.2	2.8	1.0		- ?				<u> </u>	L	7.2	3.2
Ì	WSW	1.3	1.3	1.5	7							ļ	4.7	5.1
Į	- W	3.3	3.9	3.6	1.0				L			L	11.5	5.5
ı	WNW	2-4	5.2	3.1	L		l				ļ. <u> </u>		10.3	5.3
1	NW	3	2.8	1.8		<u> </u>	ļ			ļ	<u> </u>	<u> </u>	5.4	5.5
	NNW	_ 3	1.5	.7		L		L		L	L		2.9	4.3
1	VARBL	2.1	. 5	L		<u> </u>	L	<u> </u>			Ĺ		2.6	2.6
	CALM			><		><	><	><	><	><	><		. 3	

GLOFAL CLIMATOLOGY ERANCH USAFETAC AIN WEATHER SERVICE/MAC

# USE WITH CAUTION SEE FIRST PAGE

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KJON-VI RANGE KO	63-71-77-79	MONTH	
	AL	CLASS CLASS	<del></del> -	15/10-17/1/ HOURS (LIS.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 4	1.5	9									2.2	5.8
NNE		. 4	1.3						L			1.9	5.2
NE		- 4	6			ļ						1.1	5.3
ENE			9	1.1		ļ <u>.</u>						2.4	9.5
E	2	1.5	2.2	. 7								4.7	7.8
ESE	5	2	2.2	. 6						İ		3.4	7.1
SE	- 4	1.7	2.2			ļ						4.3	6.1
SSE	L	1.3	1.1	- 4	- 4	<b></b>			<u> </u>	<b></b>		3.2	3.1
S	101	2.0	9_	7_	-4	ļ			L	<b></b>		2 م	7.3
SSW		2.5	2.2	1.9	- 2	L				ļ		7.6	3 و
SW	- 6	1.5	3.5	. 9	- 2	ļ	ļ. <u>.                                   </u>					5.7	7.7
wsw	1.1.1	1.7	1.9	1.3	.2				ļ	L	ļ	_5.1	7.5
w	1.5	4.1	6.1	1.5								13.6	7.5
WNW	2.2	6.3	B . 8	. 0						ļ		13.1	<b>5.</b> 4
NW	1.7	4.3	4.3	- 9								1100	5.6
NNW	5	1.3	7	4								3.0	5.9
VARBL	1.1.	- 4	2									1.7	3.3
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.5	
	11-7	33.3	40.2	11.5	1.7							100.0	7 - 1

TOTAL NUMBER OF OBSERVATIONS

SCE FIRST PAGE
1 (40) TAC
ATTER AFATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

STATION STATION STATION NAME

SEE FIRST PAGE

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL	AIHE?	-						L L 18 (L.S.T.)
												110011	
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA! WINI SPEE
N	- 4	- 2	. 8	-1								2.2	£.
NNE	. 2	- 4		5								1.5	έ.
NE	?	4	1.1	. 4		<u> </u>						I.1	7.
ENE	. 4	• 7	1.2	• 6								5.1	7.
E	. 5	2.5	4.C	1.1	.1					]		3.7	7.
ESE	1.4	2.8	2.8	6	. 1					Ĺ		7.7	υ <b>.</b>
SE	1.8	3.9	2.3	.2								1 :.1	5.
SSE	1.3	2.8	1.9	3	1		}					0.4	5.
5	3.2	3.á	2.5	. 5	1							7.9	5.
ssw	1.5	3.2	2.4	1.3	- 3							3.6	7.
sw	9	1.4	2.2	6	11	1 .1_		İ				5.3	7.
wsw	1.3	1.2	1.1	.6								4.1	
w	2.1	2.6	3.2	.7	1			<u> </u>				ء و ح	-:-
WNW	1.3	3.7	7.2	. 2						J		6.9	5
NW	1	1.3	1.7	2	ļ					L		4.9	5.
NNW	<b>8</b>	1.2	• 7									2.5	_ 5.
					T					T		П	

TOTAL NUMBER OF OBSERVATIONS

CLURAL CLIMATOLOGY 3PANCH
USERFETAC
ATTA WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND

#### SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

n		STATION	NAME				<del></del>	· ·	EARS				IONTH
	_				ALL ME							-610	-1801
					C1	.A58						HOUP	ts (L.S.T.)
	_				CON	DITION							
	_												
			_								_		
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	-	1.7	1									1	3.3
NNE	1.4	3.6	2	. 7									9.6
NE	₹.4	4.3	1.4							<u> </u>		9.2	4.4
ENE	1.7	3.0	2.9	. 5								<b>- 9</b>	5.8
Ε	- 6	5.8	4	£,								15.7	5.3
ESE	2.4	4.0	1.9									£.9	5.0
SE	2.7	2.7	1.7.	5_								7.5	5 . 4
SSE	1.2	1.7	2.4	• 2								Eac	ترون
S	5.3	4.3	2.4									12.1	4 . 5
ssw		1.4	1.7.									4.1	5.8
sw	- 2	1	2									1.4	غوو
wsw	- 5	, ,											3.7
w			1.4									2.4	5.6
WNW		,	5	5	-2	<u> </u>						1.4	17
NW		,										. 7	3.7
NNW		- 2										. 7	ڏ ء ڏ
VARBL	1.4	5.										, , ,	2.3
CALM	><	><	><	><	> <	> <	> <	> <	><		><	z•9	
	35.7	30.2	22.7	2.7	. ?				s		<del></del>	100.0	4 - 7

SEC AL CLIMATOLOGY SHANCH
USAFLIAC

ATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF WIND

# SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	H ON-NI RANGE KC	<u>5c-77</u> .	-79	∆ L MONTH
		ALL SEATHE.		9.0-11/1 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		1.2	1.2	3	. 1							.,	0.4
NNE	. 6	. 9	1.3			L							J.7
NE	. 9	1.2	2.4	. 7		_ 1						5.4	7.0
ENE	• 7	1.3	2.2	•.7				I				1 و د	7.2
ŧ	. 7	4.2	5.2	1.5								11.5	7.4
ESE	1.9	5.2	3.	. 3		L						15.5	5.5
SE	2.2	3.	2.4	. 3								7.4	5 و ن
SSE	1.9	3.7	2.4	3								€ مڭ_ ا	5.6
\$	3.9	4	3.1	. 9	-1							12.1	5.7
\$5W	1.9	1.3	1.8	1.5								7.0	9.9
sw	1.3	1.2	1.									ے د	ثهد
wsw	7	1.0	7	1									4
w	Les	_1 • 2_	_ <b>_</b> 9						l			9.5	4.6
WNW	9	1.5	1.6					l				4.0	5.6
NW	- 4	. 7				1						1.2	3.8
NNW	. 3	4	. 6									1.9	4 . 5
VARSL	1.3	- 6										2.5	2.0
CALM		><		$\supset <$	$\geq <$	$\supset <$	$\geq <$	$\supset <$	$\supset <$	><	><	4 • .	
	- 4 - 1	33.6	30.0	7.2	- 0 0	- 3						150.3	5 a P

TOTAL NUMBER OF OBSERVATIONS

- BESTAL CLIMATOLOGY PRANCH - CONFETAC - ALL REATHER SERVICE/MAC



#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		79 YEARS	MONTH
		ALL ATHE	<del></del>	HOURS (L.B.T.)
		CONDITION		
	<del></del>			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 0		ç									2	. 6
NNE			1.4	ن ۽									3.2
NE	. ف	1.4	2.3	. 3								5.1	نفعا
ENE	f	, f,	2.5	. 5			[					3.5	5.4
E	. 3.	1.7	4.5	. 9	2								7.8
ESE		1.1	2.9	- 2								4.0	7.3
SE	. 0	2.5	1.4									4.5	5.3
SSE	2	1.7	. 9		• -	]						2.4	5.2
S	1.9	3.2	2.5	1.2								9.8	6.5
SSW	1.4	1.5	3.3	2.2								E . 4	202
SW	1.1	1.1	2.3	. 2								4.0	غوه
WSW	1.2	1.4	- 9						[			3.0	
w	3.7	4 . 3	4.3	£								15	5.9
WNW	5.1	3.0	3.6	. 9								11.5	5.9
NW	1.5	1.9	3.	- 2_	_ r;							نور	0.3
NNW		- t	, é									3.3	9 . 4
VARBL	2.0	1.7	2									9.4	4
CALM		> <	> <	> <	> <	> <	> <	> <	> <	> <	><	3.3	
	21.5	3.1.3	35.8	7.6	1.2		<del>~</del>	`				100.0	5.47

TOTAL NUMBER OF OBSERVATIONS

THE STALL CERMATOLOUNG RANGH
THE STATE OF THE SEPVICE AND SEPVICE AND SEPTEMBERS OF WIND

Fig. 4 to St. 15th

#### SURFACE WINDS

# DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3	NION-NI RANGE NO	<u> </u>	
STATION	STATION NAME	YEARS	MONTH
	A i	L ac ATHER	15 1-1711_
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	7	1.2	1.									1.5	i
NNE		7	• 9									1.7	t
NE	3	٠,٠	2.6	. 9								5.5	7.6
ENE	5	1.2	2.2			L						4.1	5.5
E	. 3	2	2.6	1.3								6.1	7.7
ESE		1.2	.5									1.9	5.6
SE		1.3				L			I			2.5	ة و ذ
SSE	2	1.7	1.6.4									1	0 . (
\$	1.5	2. "	1.5	e,	-							بثونا	b . 7.
ssw	5		4.1	1.5					I			7.3	3 = 3
sw		1.5	7.4	3_								5.5	7.1
wsw		. 5	Ç	1.1								2.5	3.2
w	1.7	4.2	5.6	2.9	2	L						14.7	7.6
WNW	1.2	ن د د	9.2	2.7	3							19.4	7.9
NW	1.4	3.7	3.9	1.4								12.6	7.0
NNW		2. :	ذه									3.1	5.2
VARBL	1.5	1.4										2.9	ت و ت
CALM	$\geq <$		$\geq \leq$	$\geq$	$\geq \leq$		><	> <	$\supset <$	$\supset <$	> <	. 9	
	11.4	33-7	40.4	12.4	1.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

GLOFAL CLIMATOLOGY FRANCH GIAFLITAC BIG VEATHOR SCRVICOVMAC USE WITH THE TWO

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

حقاعيه	NI BAN	SYATION NAME YEARS											A L.		
ALL STATHER CLASS														-	
	_														
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	26 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED		
N		1.1	1.	. 1	,							5	نبعو		
NNE		1.2										3.2	5.4		
NE	1.1	1.0		.5								نا و ن	7 من		
ENE	. (	1.5	2.4	. 5								5.1	7.0	ı	
E	1.5	3.1	4.3	1.1	-							10.2	6.9	ı	
ESE	1.2	2.9	2.2.	• 1								6.4	5.7	Ì	
SE	1.4	2.4	1.5	• 2								5.د	5.4	i	
SSE	1.	2.3	1.5	. 1	1							5.2	20.5	١	
S	٠	3.5	2.4	7	,							9.6	5.3	l	
SSW	_1 . 3	1.4	2.8	1.4								6.9	1.5	ı	
sw	9	1.2	1.9	1						L		4.1	6.3	l	
WSW	9	9	6	3								2.5	5.3	l	
w	2.0	2.8	3.2	- 9		L				Ĺ		3.9	6.4	ı	
WNW	1.4	3.1	3.0	1								9.5	7	ı	
NW	0	فد1.	1.7	. 4 .	. 7	i:				1		4.5	0.5	ĺ	
NNW	7	- 9	. 5			L			L		L	2.1	9.0	ĺ	
VARBL	2.0	1.1	ć.									3.2	3.3	ı	
CALM		><	><	><		$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	3.9		١	
	SPEED (KNTS) DIR.  N NE NEE ENE E ESE SSE SSW WSW WNW NW NWW VARBL	SPEED (KNTS) 1 - 3 DIR.  N	SPEED (KNTS)	(KNTS)	SPEED (KNTS)	SPEED     1 - 3	SPEED   1 - 3	SPEED   1 - 3	SPEED   1 - 3	SPEED   1 - 3	SPEED   1 - 3	SPEED (KNTS) 1.3 4.6 7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 ≥56 (KNTS) DIR.  N	SPEED   1.3   4.6   7.10   11.16   17.21   22.27   28.33   34.40   41.47   48.55   256   %	SPEED   1.3   4.6   7.10   11.16   17.21   22.27   28.33   34.40   41.47   48.55   ≥56   %	

TOTAL NUMBER OF OBSERVATIONS

USE WITH CARRON
SEE FIRST PAGE
ALL WEATHER SERVICE MAC PERCENTAGE FREQUENCY OF WIND

USE WITH CAUTION

#### SURFACE WINDS

#### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	K JN-NI FANGE KO	63-73,12-79 YEARS	MONTH
	All JEP	NTHE >	HOURS (L.S.T.)
	COND	SITION	

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		5	7	5								2.2	7 .
NNE	1.5	2.3	2.	۲)	,							ء د د	0.5
NE	1.5	4.	1.5	. 2	L	L			l			7.2	5.9
ENE	5.7	4.7	2.2	Ľ.								13.2	4 . 5
E	5.7	9.	4.	. 7								17.5	نعث
ESE	92	7.2	1.7									17.2	4
SE	2.7	1.7	1.7									قەد	4
SSE	1.2	7	1.3	. 5	<u> </u>	L						3.5	5.
S	1	2."	1.0	2		L						9.0	ه ق
ssw	5	2.:	- 5									3.3	5.
SW	r,			5								1.2	
wsw		1.2		- 2		L			I			2.2	ه د
w		7	5		I							1.2	t e
WNW			5	2	ة .	L						i_2_	منا
NW	7						L						7.
NNW		1.2	1.2	. 2						L		2.7	7.
VARBL	1.7	- 5			}							2.2	2.
CALM		> <	$\supset \subset$	> <			><	><	><	><	> <	0.0	
	30.9	38.2	19.2	5.0	7								

TOTAL NUMBER OF OBSERVATIONS

GEURAL CLIMATOLOGY BRANCH
USAFETAC
ALL-AFATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

ERS WITH CAUTION SEE TURS PAGE

#### SURFACE WINDS

#### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 TATION	NON-NI HANGE KO	60-773-79 YEARS	MONTH
	ALL	ATHE &	900-11-1. HOURS (L.S.T.)
	co	NOITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
2	1.3	2.5	1.4	- 3									5.9
NNE	. 9	2.3	2.4	1.1	- ;							5.6	7.8
NE	. 6	1.4	2.4	_ 3		L						4.9	6.7
ENE	. 4	2.2	3.1	. 5								6.9	6.9
E	2.4	5.3	5.9	2.2					l			16.6	ومو
ESE	1.3	5.7	3.1	- 6								10.7	6.5
SE	2.7	6.3	3.5	.5								13.9	5 5
SSE	2.7	3.0	1.6	3		7						3 . 3	5.1
5	1.7	2.5	1.3	. 2								5.7	5.0
SSW		9	. 7		. 2							2.0	5.5
SW			- 6		"							9	۾ ع
wsw	. 3	. 9	. 5	. 3								2.0	5.3
w	. 7	1.4	. 9	- 3								3.0	5.2
WNW	. 3	8	. 9	. 3	. 3							3.1	7.9
NW	. 2	. 3	9	•2	. 3							2.2	7.0
WMM	, á	. 5	.6	.2								2.0	6.4
VARSL	2.4	1 7 3				1						3.6	2.0
CALM			> <	$\supset \subset$	$\supset \subset$				$\supset <$	$\supset <$	> <	2 • 2	
	13.8	38.5	30.5	7.9						Ţ		100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

SECOND SEE FIRST PAGE
ATT A EATH OF SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

4 1 75 KJCN-NI RANGE KJ

USE WITH CAUTION

#### SURFACE WINDS

#### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

A TION			J. A. 1.0.	N NAME					•	EARS			•	IONTH
		_				ALL di	ATHER				<del></del>			-14 10 (6.8.7.)
		-				CON	DITION							
Г	SPEED					r	τ		Τ		T		T	MEAN
	(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND SPEED
	N	- 5	1.3	1.4									2.3	6.7
Γ	NNE	. 5	.3	2	.6								2.2	7.4
	NE		1.4	1.3	1.1					I			4.3	7.8
	ENE	• 2	- 3	2.5	. 8	. 2							4.4	2.4
	Ł	3	3.5	5.9	2.2								11.9	5.6
	ESE		2.2	1.9	_ 3								5.2	6.5
	SE	.5	2.8	1.9	. 3								5.5	6.5
Ĺ	SSE	9	2.5	1.3	5		I		L				5.2	5.9
	5	3.2	3.8	9							L		8.1	4.4
L	ssw	1.9	1.1	. 6						L			3.6	4.0
L	sw	1.3	lai	2	5_					L			3.0	.5.3
L	wsw	G	1.4	5_	. 2	L	2.2						3.0	6.1
L	w	2.5	4.3	4.3	. 8	2	2						12.7	6.6
	WNW	1.1	2.2	4.3	1.4	5	ļ						10.1	7.8
	NW	,	2.1	2.7	. 5	. 2							5.7	7.a
	NNW	ç	2.1	1.7	.2								4.9	6.1
	VARBL	7.8	1.9							L			4.7	3.2
			$\overline{}$			$\sim$	$\overline{}$			$\overline{}$		$\sim$	1	

TOTAL NUMBER OF OBSERVATIONS

GESPAL CLIMATOLOGY BRANCH USAFETAC AT CAEATHER SERVICE/MAC

WHW

VARBL

1.4

### USE WITH CAUTION SEE FIRST PAGE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 3 STATION	KLON-	PIT JAN	GE KO	N NAME			-36-	7:: , 73-		EARS	<del> </del>			ONTH
		_				All dr cı	ATHER LASS	<del></del>		<del></del>			HOUR	-17: * (L.S.T.)
		_				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥56	*	MEAN WIND SPEED
Ē	N	E.	1.1	1.1	- 2								3.3	D.b
[.	NNE	-4	· 3	. 2									1.4	4.6
	NE	7	1.1	2.0	1.1								4.8	1.9
Ļ	ENE		1.3	2.5	- 4		<b></b>						4.7	7.3
1	E	- 9	3.2	3.6	1.3		[						y o C	7.4
L	ESE	2	. 0	2.0	. 2								3.2	1.2
L	SE	5		9	2	L							2.3	5.5
1	SSE		1.1	2_			<b></b>		<b></b>	ļ			2.0	4.4
1.	\$	1.4	1.4	. 4			L						3.2	3.8
-	SSW	7	1.1	1.4	-7	L					ļ		3.9	7.3
L	SW			- 9	2			<b></b>			ļ		1.4	7.4
J	WSW		9	. 7	_4		1	1	<u> </u>	[	1 !		2 . 3	7.5

1.4

TOTAL NUMBER OF OBSERVATIONS

FEURAL CLIMATOLOGY TRANCH CHAFETAC AFR REATHIR SERVICIZMAC USE WITH CAUTION SEE FIRST PAGE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 / 27 3	KOON-NI RANGE KO	60-70.73~7	. 9	
STATION	STATION NAME		YEARS	MONTH
	<del></del>	ALL FATHET CLASS		A)   HOURS (L.S.T.)
		CONDITION	<del></del>	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	. 7	1.4	1.2	. 4								د د د	6 - 1
NNE	. 7	1.3	1.7	. 6	1							4.5	7.1
NE	g	1.3	1.6	. 7								5.1	6.9
ENE	1.5	2. 7	2.6	• 6	•							0.0	5.5
E	2.3	4.7	5.3	1.7								13.9	6.3
ESE	2.1	3.3	2.2	_ 3					Ĺ			به و ح	5 و د
SE	1.5	3.1	2.1	. 3								7.5	5.6
SSE	1.4	2.2	1	3					L			ے وقا	5.4
5	1.9	2.5	9	. 1								5.4	4.0
SSW	1.7	1.2	- 7	- 2								3.1	5.5
sw	. 5	. 4	. 4	3				l				1.7.	b.E
wsw	- 4	1.1	5	. 3						L		2.4	6.5
w	1.3	2.7	3.3	. 8					L			H = 3	7.1
WNW	1.2	2.3	. 3.5	1.4	- 4				ļ	<u> </u>		3.9	8.2
NW		1.3	2.2	.6	. 1			<u> </u>				5.3	7.5
NNW	. 3	1.6	1.4	. 4	-1				L	L		4.2	6.8
VARBL	2.1	1.7	7	ם		l				L		4.1	3 €
CALM		$\times$	$>\!\!<$	$\times$	$>\!\!<$	$\geq <$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	2.5	
	20-5	35.0	30.8	n.e	1 - 1		,					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SECRAL CLIMATOLOGY BRANCH USAFÉTAC A REATHER SERVICE/MAC USE WITH CAUTION SEE FIRST PAGE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	MCON-NI RANGE KO		MONTH
	<del></del>	ALL CLASS	<u> 60 = [ 6.5.7. )</u> Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
7	i. 4	1.4	2.5	. 7	. 7							tiat	7.6
NNE	1.3	1.9	9							<u> </u>		205	3.5
NE	l a É	5.2	5				L	Ĺ		L	L	7	9.4
ENE	2.3	3.	2.5	. 5								3.2	3.3
E	5.4	_8 - 4 _	3.2							·		13.4	4
ESE	3.2	9.5	2.7	. ?			1					21.3	4.7
SE	2.7	6.1	1.1	- 2						<u> </u>	İ	13.2	4.5
SSE		3	5	l		<u> </u>			I			2.4	5.3
S	. 9	5	5	. 2								2.5	ے م
SSW			5			[———			1			7	6.2
SW						I	1		I				
WSW	,												ال المال
w	. 2	_ 5	2				Ī	Ι				9	
WNW		- 5	1.1	2				Ţ	, – 1	I		1.8	3.4
NW		. 7	5	1.4	5			[ · · · · · _	I			تمنا	12.5
NNW		. 9	9	1.8	1.1			Ī	I -			4.5	12.5
VARBL	2.7	1.3										4.45	3.2
CALM	$\geq \leq$	$\geq \leq$	$\supset <$	><	$\geq$	$\supset <$	$\geq <$	><	$\geq \leq$	$\geq \leq$	><	1.5	
	ومدر	43.2	17.5	5.7	2.3							163.6	5.4

TOTAL NUMBER OF OSSERVATIONS

GUSSAL GLIMATOLOGY BRANCH USAFUTAC AIR AFATHER SERVICUZMAC USE WITH CAUTION SEE FIRST PAGE

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 7273	STATION NAME		3-79 VEARS R	) ( T
*1211011		ALL NEATHED		900-1170 HOURS (L.S.T.)
		CONDITION		NOUNG (E.S.1.)
		·		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	2.7	3.4	3	- 5							7.7	7.6
NNE	1.0	.1.5	3.1	4					L			4 . ė	c • 3
NE	1.3	2.5	1.2	4	-1		L					5.6	5.8
ENE	1.6	2.2	1.0	6	l							0.4	6.2
E	2.2	6.4	5.3	1.2								15.6	6.3
ESE	2.2	5.7	3.5	. 3								12.6	5.7
SE	1.8	3.2	3.0	. 3		<u></u>					L	13.2	5.5
SSE	1.6	4.9	2.3									9.4	5.6
S	. 6	1.9	. 7			<u> </u>				ĺ	ĺ	3.4	_5.3_
55W		7										. 4	5.3
sw		1											5
wsw		1			<u></u>		L					1	200
w		1	. 9									1.3	7.2
WNW			- 3		-3	<u></u>				ļ		3.5	1443
NW		1.0	1.3	1.2	- 7							3.9	10.5
NNW		1.1	3.9	1.3	. 7	L			<u> </u>		ļ	7.6	9.7
VARBL	4.5	1.6	. 3	<u> </u>					L	<u></u>		5.9	3.3
CALM	$\times$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.3	
	18-3	#11.9	31.1	6.4	2.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 673

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ARL 64
- -

USE WITH CAUTION SEE FIRST PAGE

SURFACE WINDS

SLEGAL CLIMATOLOGY BRANCH USAFETAC ALE WEATHLE SERVICE/MAC

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 2 . 7 3	KCON-NI RANGE KO		
STATION	STATION NAME	YEARS	MONTH
		ALL SEATHER	12.3-143.
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	,	1.1	â	.8.	. 72							ومر	دُون
NNE		1.1	2	. 3								.1.5	7.3
NE			- 5	. 6								1.3	٦.٠
ENE	. 3	1.1	1.1	3.								3.2	7.9
E	1.1	2.1	3.3	. 5								7.1	6.9
ESE	. 3	2.9	3.2	. 5								7.3	6.4
SE	.6	2.4	1.7	. 3								5.0	5.2
SSE	1.1	2.4	.5	. 3				}				4.2	5.0
S	, , 3	3.6	.6									0.5	4.3
SSW	1.2	1.7	6	. 3					i			3 a ä	51
sw		1.4	•6	2								2.9	5.2
W5W	2.3	. 3	. 9	. 3								4.2	5.1
w	2.1	2.2	2.3									0.1	5 . S
WNW	1.1	4.4	3 . 8	1.4	.6							11.2	7.4
NW	1.1	2.7	3.6	2.1	. 6	• 2						13.3	8.7
NNW	2.7	2.4	3.6	2.1	. 2							11.6	7.1
VARBL	4.7	2.7	.3									7.7	3 د د
CALM	$\supset \subset$	$\supset <$		$>\!\!<$	$\supset <$	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$	• 8	
	23.8	36.0	27.4	10.3	1.7	. 2						130.0	. 5.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SECRETAR SERVICE /MAS USE WITH TAUTON SEE FIRST PAUS

ATT WEATHER SERVICE /MAS PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED

USE WITH TAILT ON

#### SURFACE WINDS

#### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 · 73	KOON-NI HANGE KO	65-73-73-79 YEARS	OCT MONTH
		<u>₹EATHE</u> ©	1500-1700 HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	. 0	2.3		- •2								4.2	5 4
NNE	. 7	. 7	2	. 2		L				i		2.1	52
NE	. 7	- 4	1.4	- 5								3.0	5.9
ENE	• 9	. 9	\$	• 2								2.8	5.9
E	- 4	1.8	2.5	. 5				Ī				5.5	7.2
ESE	. 9	1.1	1.2									3.2	5.4
SE		7	. 4									1.6	4.7
SSE		. 7	- 4	. 2	I							1.2	7.6
\$	5	. 5										1.1	3.5
SSW	5	2	2	• 2					I			1.1	6.2
SW	. 9	د ه		5								1.9	5.7
wsw		1.4	. 4	. 5	_ 2							3.3	6.5
*	1.4	2.3	5.5	1.8		L						12.0	7.5
WNW	. 7	7.2	8.1	2.1	1.1							17.2	D.C
NW	1.9	7.2	7.9	3.2	5	L						20.6	7.6
WMM	1.6	3.5	3.3	1.6								10.0	7.1
VARBL	3	2.3	4	. 4								6.5	4.1
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset <$	><		$\supset <$	><	$\supset <$	$\geq <$	><	• 5	
	16.4	34.2	35.2	12.0	1.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

GERFAL CLIMATOLDLY RRANCH LEAFLIAC AF AFATHER SERVICE/MAC

VARBL

STATION BOON-NJ PANSE KO

USE WITH TAUTION SEE HAS! PAGE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_			_	ALL E	ATHER.				_ <del></del>			<u>i i</u> 15 (L.:
	_				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	. 4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	A
N	1.2	2 - 1	1 - 9		•							10.5	
NNE		1.2	. 3	- 3			1					3.2	
NE	. 3	2	. 9	- 4								4 . 3	
ENE	1.2	1.7	1.5	. 5								1 3.3	Ι
E	2, ,	4.4	3.9	. 7	- 1							11.3	
ESE	2.6	4.6	2.6	. 3								14.1	
SE	1.3	4.4	1.6	- 2								7.5	L
SSE	. 3	2.3	1.1	1								4.5	Γ
S	1.1	1.3	. 6	.1								7.5	L
SSW	<u> </u>	6	. 3	.1								1.6	<u> </u>
sw	. 4	5	-2	. 2								1.3	1_
wsw	9	<u>.</u> 6	. 3									2.1	_
w	, , ,	.1.2	2.5	- 4	_							5.2	1

TOTAL NUMBER OF OBSERVATIONS

9.6

8.5

LE RAL CLEMATOLOGY SPANCH
L AFETAC
ATEMPTS SERVICE/MAC PERCENTAGE FREQUENCY OF WIND

USE MITH LA 1770N

#### SURFACE WINDS

#### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	NOON-	NI RAN	GE KO	N NAME			68-	773-	79.	EARS				IONTH
		_				ALL SE	ATHER		<u> </u>					<u>— (, 5 (° і)</u> Is (шалт.)
		-				CON	DITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N		7.1	2.1	7.6								7.5	7.1
1	NNE	. 7	3.3	2.6									5.7	5.9
ĺ	NE	1.7	4.1	1.9			<u> </u>						7.6	5.1
ĺ	ENE	1.7	3.3	ς.		i							5.5	4.3
1	E	3.4	4.5	1.7	, ,								13.5	4.3
	ESE	3.0	5.7	1.9									14.1	4.6
(	SE	2.9	5.	1 . 4									7.	4.4
[	SSE	1.7	1.4	1.0	i	·				L			1	5.7
- 1	_ s		1.2	1.7			Ì	<u> </u>		L	<u> </u>		3.1	6.6
- 1	SSW		. 7		↓	-	ļ						1.9	5.9
ı,	sw	- 2			- 2	<u> </u>	ļ	i			<u> </u>		نسفت ا	3
- 1	wsw	<b> </b>			2		ļ		<b>.</b>					11ali.
- 1	w		<u> </u>	نه ــــــــــــــــــــــــــــــــــــ	<del></del> _		<b></b>						1.0	14.5
	WNW	ļ <u>.</u>		1.2	5_		<u>_</u>						2.4	12.C
ļ	NW	<b></b>			- 7	- 7	5			Ļ	ļ		2.4	15.9
	WWW	<b></b>		1.5	1.7	1.	<b></b>	<del></del>			<del> </del>		<u> </u>	11.5
	VARBL	209	204		~7	<del></del>	<b>_</b>	<del></del>	<del></del>		<del></del>		6.3	4.4
l l	CALM	><	I ><	ı ><	I ><	l ><	ı ><		ı ><	$\sim$		<b>&gt;</b>	5.5	1

CERTAL CLIMATOLOGY RRANCH FRAFITAC AT WEATHER SERVICEZAGE

USE WITH CAMPTION SEE FIRST PAGE

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

				NAME				7:7:-	Υ.	EARS				40NTH
						4 . •							0	-11
		_				ALL VE	ASS							TS (L.S.T.)
		_				CON	DITION							
_	_ <del></del>	1			· · · · · ·								<del>,</del>	τ
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	1.4	1.3	3.4	2.1	. 1								3.3
[	NNE	i.2	3.7	3.4	. 6								7.2	ī. ·
Ĺ	NE		2.0	1.5									1	3.2
I	ENE	1.7	1.5	1.4									4.5	4.8
ľ	E	3.4	4 .	3.7	1.1								13.1	5.9
ľ	ESE	3.7	5.,	3.5	. 5								12.0	5.3
	SE	7.9	6.7	2.3									11.9	5.1
	SSE	. 3	2.1	1.6									ع زو	ا ماد
ľ	5	. 5	1.8	2.3	. 5								3.2	6.8
ľ	ssw	. 3	. 4	- 6	. 3								200	5.5
ſ	sw		,	. 6									5	7.3
ľ	wsw		- 3	. 3									, c	2 و ت
ľ	w	.:			. 5						[		1.2	د مع
ſ	WNW		, ,	. F.	. 6			. 7					3.6	14."
[	NW			. 5	1.1	t							3.5	14.3
ſ	NNW	. 5	• (	2.4	2.7	• 3							ii 6	5.9
Ι	VARSL	1	2 . 3		- 5									4.4
ĺ	CALM	><		><	><	$\supset <$	> <	> <	><	$\supset <$	$\supset \subset$	> <	2.4	
-														

TOTAL NUMBER OF OBSERVATIONS

SELPAE CEIMATOLOCY SCANCH Diafetae Alc Abather Servicezmac

UST WITH CAUTING SEE HIBST LAGE

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4-73	610N-NI BANGE KO	68-7-,73-77	
STATION	STATION NAME	YEARS	MONTH
		ATHE:	12 1=1470_
		LASS	HOURS (L.S.T.)
	co	NDITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N		2.7	2.5	1.3	7							7	3 . 1
NNE		1.7	1.4	5								4.5	5 <b>.</b> .
NE	1.1	• •	. 3									3	4.5
ENE	. 5		• 5	• ?								1.7	5.5
E	1.6	1.9	2.7	• 6								5 • i	5.0
ESE		3.1	2.5	. 3								<b>v.3</b>	c . 4
SE	1.7	3.1	1.3	. 2									Sei
SSE	2.5	3.3	2.7										
s	. 9	2.3	1.5	• 5								4.7	6.2.
SSW	1.1	- 7	5.	۰۰	. 3							د ه د	7.2
SW		. 3	. (;	. 7					1			2.7	<u>ت</u> ي
WSW	. 3			. 7					<b> </b>			, ,,	3.5
W	1.1	1.3	1.7	. 3	. 7							3.5	c 5
WNW	3.1	1 . 4	7.7	1.5	. 7	7			1			7.5	_3.2
NW		3	4.2	3.6	9						1	12.4	7 م ز
NNW	1.5	2.5	3.9	1.7	. 3						1	1	
VARBL	3.8	1.7	. 3	2	-							5.6	3 ä
CALM		$\geq \leq$			$\times$	$\times$	$\times$	$\times$	$\geq$	>	><	1.7	
	22.5	31.2	29.6	12.7	2 - 7	4.	- 5					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

ULLARL CLIMATOLOGY BRANCH Diafetho Bill Krathfr Service/Mac USE WITH CALLTON SEC FREE FACT

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME		1-79 YEARS	MONTH
		ALL FATHER CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		2.7	2.2	1.1								7	7.5
NNE	ε	C	4	2									2 من
NE	. 4	iai	. 4	• 2								2.	5.7
ENE	<b>.</b> 5	2	. 7	2								2.3	5.6
E		1 4	1.6									3.6	5.
ESE.		. 7		. 4					<u> </u>			2.2	.0.4
SE		2.	4				·					3.2	4.6
SSE	1.8	1.5	, z	4								4.3	4 . 5
S	7.5	2	1.3	. 2								عدد_	4 . 3
SSW	^	1.1	1.1	1.5					<u> </u>	L		4.3	9.6
sw	9	47	9	. 4			L					2.9	فعظ
wsw		- 4	1.3	1.9	L							3.5	10.
w	1	فعل	2.5	1.1		- 5						7.05	7.0
WNW	ial	3 a ż.	4.1	2.7	,	5_						12.3	نمد_
NW	1.1	4.2	7.4	2.5	- 4	- 2	L					ومدل	نعظ
MMM	1.3	4	3.1	3.8	_ 5_	- 2						13.3	ئەد
VARBL	. 3	1.3	1.1	2					L			4.5	4 . 5
CALM		> <	><	> <	$\triangleright <$	$\supset \subset$	$\geq \leq$	$\geq <$		><	$>\!\!<$	5.1	
	2 0	30.5	2 ) 4	16-2	1.4	1 - 3	. 2					1_0.0	7.

TOTAL NUMBER OF OBSERVATIONS

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#### SURFACE WINDS

#### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 73	KOON-NI RANSE KO	65-73,73-79	MONTH
	ALL di	AIHES LASS	HOURS (L.S.T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 5	2.,	2.6	1.7_		. 1						7.2	
NNE	9	2.4	1.9	- 4					<u> </u>			1.65	ع د د
NE	1.	2.1	1.2	ن د				Ĺ	L			4.00	5.1
ENE	1.1	1.5	. 3	1								- 4	4.9
ε	ا د د	2.3	2.3	. 6								7.5	: 5
ESE	2.2	3.2	2.2	. 4					I			العوا	5.4
SE	2.1	4.2	1.4									7.7	4.9
SS€	.1 . ?	2.2	1.8	1								5.3	5.3
S	1.1	1.9	1.6	- 3						I		4.9	i i
SSW	- 5	. 9	. 7	- 8	.1							3.6	10
SW	. 5		. 7	- 2								1.0	£.1
WSW	- 1	-3	. 7	- 6						I		1.02	ے ہو
w	. 3	. 7	1.3	6	. 2							3.9	24
WNW		1.4	2.2	1.4	. 4	- 3	1			[		5.3	9.6
NW	- 5	2.2	3.3	1.9	.7	,						h a b	9.5
NNW	1. ~	1.9	7.9	7.5	- 5							d . 9	9.4
VARBL	2.0	1.9	.6	4	1							5.6	4.2
CALM			$\geq \leq$		$\geq \leq$	$\geq$	$\geq \leq$	$\geq$	$\geq <$	$\geq$	$\geq \leq$	3.7	
	20.9	33.1	28.4	11.9	2.7	- 7	. 3					125.5	p. 7

TOTAL NUMBER OF OSSERVATIONS

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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KODN-	MT 3AM	GE KO	N NAME			<u> 69-</u>	70.73-	79	EARS	<del>-</del>			IONTH
							LASS							<u>- вОС</u> is (шат.)
	CONDITION													
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
l	N		ذها-	3.3	3.0								1.1	9.8
[	NNE	1.3	3.9	1.2									5.6	4.7
ļ	NE	2.5	2.5	8						ļ			1 من	3.9
į	ENE	2.5	3.3	1.	. 3								7.1	4.7
	E	_امق	5.3	2.3	1.7	ļ	ļ				L		15.9	5.5
ļ	ESE	6.3	9.8	2.8	- 5						ļ		19.9	4.6
Į.	SE		4.3	1.9					L					9.5
į.	SSE	1.0	2.0	£_	3_		<u> </u>						_ئعك_	تعدا
	_ <u>s</u>	3	- 3	1.5	ļ	<u> </u>	ļ						1	5.3
	SSW			. 3	- 3					ļ			3.	5.7
	SW _		1.4		ļ	<del></del>			<u> </u>					تعد
1	wsw				. 3		L	L					3	10.0

TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND

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#### SURFACE WINDS

#### DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	KOON-	NI SAN	GE KJ	N NAME	69-70,72-79 VEARS							ONTH		
		_				ALL AE	ATHED							-11C
	CONDITION										<del></del>			
	SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	44 - 53	≥56	*	MEAN WIND SPEED
Ī	N	.1.1	243	4.7	1.4								13.3	7.0
[	NNE	lai.	2.1	1.7	. 5								٠,٠	ڭ د د
	NE	2.4	1.7	3	. 2								تور	4.2
[	ENE	1.9	1.3	. 9									4.1	4.4
<u> </u>	8	4.5	4.6	1.8	. 7								17.2	5.1

N	1.1.1	2	4.7	1.4	2		1		L		l	13.3	7.0
NNE	l . l	2.1	1.7	. 5								٠,٠	ى د
NE	2.4	1.7	3	7								تا و ـ	4.2
ENE	1.7	1.3	. 9									4.1	4.4
E	4	4.5	1.8	3								17.2	5.1
ESE	3.5	9.1	3.€	. 6		,		Ī				17.2	5.6
SE	2.1	هد	4.1									12.3	5.1
SSE	. 5	2.1	. 9	?								3.5	خده
5	3	2.4	1.1	2								7.9	5.7
SSW		7	. 2									ذ.	
sw				. 3								ذه ا	11.5
wsw		3		.5				I					9.
w			9	- 3	2						l	2	تمد
WNW			9	1.3	,							2.4	12.1
NW			1.7	. 6	- 5						L	3.5	1404
NNW		تر	2.5	3.5	- 5								13.4
VARBL	- 4	1.7	r									9.1	3.7
CALM	$\supset <$	$\geq \leq$	$\geq <$	$\supset <$	$\geq <$	><	$\times$	$\triangleright <$	$\triangleright <$	$\supset <$	$\supset <$	2.0	
	,			7		1		·					

TOTAL NUMBER OF OBSERVATIONS

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#### SURFACE WINDS

# PERCENTAGE FREQUENCY SEEF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 7 3	KOON-NI RANGE KO		79	D.C
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1240-1400
	<del>-</del>	CLASS		HOURS (L.S.T.)
	<del></del>	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1	2.	3.1	1.2								7.6	7.3
NNE		1.4	- 5									2.4	تعقا
NE		1.	- 2		<u> </u>							105	نه د
ENE			5						ļ			102	6 .
E	1.7	1.3	1.	- 5		ļ						5.1	ع م ذ
ESE	1.4_	3.4	4.4	3_								11.7	ا و ن
SE	1.9	4.0	2.5	. 2	ļ							9.3	5.
SSE		2.	1.9	5	Ĺ	Ĺ				L		0.5	55
. S	1.2	3.2	1.2	. 5	- 3							6.5	0 . (
SSW	. 7	1	. 7	. 2								2.5	اود
sw		<u> </u>	1 3			ļ <u>.</u>						1.2	
WSW				- 5			L					1.9	5.
w	- 5	1.4	. 7	1.2	<u> </u>	L						7 و دُ	_ 7 a.º
WNW	قع ا	خعلا	2.5	1		<u> </u>						5.6	Ĉ.
NW_	1.4	4.1	3.4	2.9	-3		<u> </u>			<b></b>		المعتا	
NNW	1.5	4.2	3.7	3.1	-3				<u> </u>			12.9	5.
VARBL	1,	1.2	48,	3_	<b>_</b>	Ļ			<u></u>	L		5.1	4.
CALM		><	><	><	><		><	><	$\geq \leq$	><	><	1.7	
	18.8	27.4	27.7	12.4	1.7	3						100.0	به.

TOTAL NUMBER OF OBSERVATIONS

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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 - 2 7 3	KOON-NI RANGE KO	63-70.73-79		DLC
STATION	STATION NAME	`	EARS	MONTH
	A	LL MEATHER		1503-1700
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N		1.6	1.9	1.2								2 2	7.5
NNE		1.0	2									lec	4.4
NE	6		8		<u> </u>				L			1.4	ومنت
ENE	1.2	1.3	2									2.2	4.4
E	2.2	2.3	. 2					L		L		5.2	4.0
ESE	1.4	2.2	1.0						<u> </u>			4.6	5.0
SE	1.	3.2	6									4.5	4.6
SSE	8	2	1.5									ن و ز	5.2
5	1.2	1.3	1.2	2_								4.4	5.2
SSW	. 6	1.2	1.6	. 6		L						4.0	7.4
\$W		- 4	1.5									1.8	9.3
wsw	_1.2_	1.2	1.4	- 4	2		l					4.2	5.9
w	1.6	1.6	2.2	1.2		- 6						7.8	9.2
WNW	م ن	4.2	3.6	1.2	2	2	2					11.2	7.8
NW_	1.4	4.3	5.2	3.6	1.0		- 2	L				16.2	9.5
NNW	1.0	4	5.6	3.2	a	. 2						14.5	5.9
VARBL	1.0	2	1.0	1.0								3.2	7.5
CALM	$\geq \leq$	$\geq \leq$	$\supset <$	$\geq \leq$	$\geq$	$\geq <$	$\times$	$\geq \leq$	><	$\geq \leq$	><	2.2	
	J 4 - 0	34-1	28.7		2.8	1.0	6					100.3	7.1

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 3 7 7 3 STATION	STATION NAME	64-70,73-79 YEARS	DEC
		ALL SEATHER CLASS	ALI HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	فمد	2.5	3	1.6									٠
NNE	1.1	2.1	. 9	1								4.2	6.3
NE	1.5	1.3	_ , 7	2.						L		ے کے ا	4.4
ENE	1.4	1.6	. 7								İ	3•E	4.7
E	3.5	3.7	1.9	. 5								9.6	5 C
ES€	3.	5.6	3.1	. 4		- 1						13.2	5.5
SE_	1.7	4.5	2.4	2								2.3	: . 6
SSE	1.1	2.7	1.2	.2			<u> </u>					4.0	5•€
S	8	2.1	1.1	• 2						L		4.3	5.5
ssw	. 3	. 7	.7	. 2								1.9	5.7
sw	1	. 4	3_	1						L		1.5	7.5
W\$W	- 4	. 6	3_	4	<u> </u>				!			1.6	7.1
w	6	1.:	1.0	9	- 2							3.2	5.6
WNW	6	1.5	2.5	1.2	. 3				ļ			5.6	9.0
NW	. 7	2.5	2.7	2.0								5.6	ت و ک
NNW		2.6	3.4	3.0	5							15.5	101
VARBL	2.1	1.5	. 7	.3	L					<u> </u>	L	4.6	4.6
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.2	
	20.6	37.0	25.4	11.3	1.3	. 4	2					140	6.5

TOTAL NUMBER OF OBSERVATIONS

us	SAFETAC FORM D	+8+5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

4 7 3 STATION	KOCN-NI RANGE KO	65-773-8 YEARS	ALL MONTH
	AL	L WEATHER CLASS	4 <u>11</u> Hours (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	- 2	1.3	1.5	• 7	1							4.4	7.3
NNE	. 7	1.1	9	• 2	•							3.5	<b>5</b> •
NE	e	1.2	• 9	3		.2						3.2	6.
ENE	• 0	1.1	1.2	. 4		• 1						3.7	6.
E	1.3	2.9	2.7	• 9	•1							3.5	6.
ESE	1.9	3.5	2.0	. 4								7.9	٠.
SE	1.7	3.4	1.8	. 2								7.1	5.
SSE	1.1	2.3	1.1	• 2	.0							4.7	5.
S	B	2.3	1.2	. 3								5.6	5.
SSW	- 9	1.2	1.1	- 6	. 1							3.8	. 6
sw	- 6	- 9	1.7	. 4	. 1							3.1	6.
wsw	- 3	1	1.7	.5	.1							3.3	6.
w	1 . 5	2.6	3.3	1.4	7	. 1		. 0				9.2	7.
WNW	1.2	3	4.4	1.9	. 4	i	(1					11.1	مت
NW	9	2.3	3.0	16		1		a n				3.4	_ 3.
NNW	8	1.5	2.2	1.3	. 3	0						5.2	Ė
VARBL	2.2	1.1	3	. 1	Ω.							3.7	. خ
CALM		$\supset <$	$\supset <$	$\supset <$	> <	> <	$>\!\!<$	$\supset \subset$	$\supset <$	$\supset <$	> <	3 • 1	
	20.5	32.0	29.6	11.3	2 7	. 4	. 1	n.				122.5	

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS E		
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#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	GOON-NT RANGE NO STATION NAME	- 66-773-2	ALI MONTH
		45);T	ALL HOURS (L.S.Y.)
		VSRY 1/2 MT DR MCRE.	
	AND/OR VSBY 1/2 TO 2-1/2	MI SZCIG POT ET DE MODE	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥\$6	*	MEAN WIND SPEED
N	+•2	1.6	1.2	6	1							7.1	ئەخ
NNE	1.4	1.5	1.2	5						<u> </u>		4.7	5.7
NE	2.0	1.5	1.1	1		_ :					[	4.9	5.1
ENE	1.2	1.3	. ?	. 8.							<u> </u>	4.3	0.7
E	3.3	3.2	2.2	1.1								9.9	5 €
ESE	3.7	4.1	1.5	• 4	1							9.9	5.0
SE	2.9	2.7	1.5	. 2					L		<u></u>	7.2	4,5
SSE	1.7	1.7		2								4.4	4.9
5	ا د د	2.0	1.7	- 6								6.5	5.9
ssw	ا ق	1.4	1.4	1.1	- 3							5.1	1 و ځ
5W	ت مد	1.5	1.0	_ 5							L	4.1	8 و ن
W5W	ا تعال	1.3	1.1	6								4.0	6.
w	1.7	2.4	1.9	1.2	. 3	1						7.3	7.4
WNW	1.2	1.3	1.7	1.0			-			1		5.0	7 م ف
NW		1.3	1.1	. 4		L						3.7	7.5
NNW	1.0	1.5	. 8	- 4				L				3.8	000
VARBL	7	. 4	. 1						L	L	L	2.3	2.6
CALM	$\geq <$	> <	><	><	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	5.8	
	29.5	31.2	21.2	9.6	2.2	3						100.0	٦.٠

TOTAL NUMBER OF OBSERVATIONS

U S AIR FORCE
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#### PART D

#### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	IBILITY (SI	ATUTE MI	LES)						
(FEET)	≥ 10	•≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓,	≥ 2	≥ 1 %	≥ 11/4	≥ 1	≥ 1/4	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING	$\sim$									$\sim$	<u></u>				$\langle \rangle$	
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3		}			}	100.0

- EXAMPLE #1 Read ceiling values independently of visibility under column at right headed  $\geq$  0. For instance, from the table: Ceiling  $\geq$  1500 feet = 92.6%. Ceiling  $\geq$  500 feet = 98.1%.
- Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:

  Visibility  $\geq 3$  miles = 95.4%.

  Visibility  $\geq 2$  miles = 96.9%.

  Visibility  $\geq 1$  mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq$  1500 feet with visibility  $\geq$  3 miles = 91.0%.

#### ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility > 1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

	AIR FORCE ENVIRONMENTAL TECK KOON-NI RANGE, OSAN, KOREA. APR 81	HNICAL APPLICATIONS CENTER REVISED UNIFORM SUMMARY O	F SURFACEETC(U)
UNCLASSIFIED	USAFETAC/DS-81/052	581E-AD-E850 085	NL
2 or 3			

#### CEILING VERSUS VISIBILITY

PROY-NI ANGE KI

67-7-,73-A

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)



CEIUNG							VIS	BILITY /ST	ATUTE MIL	ES:						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 7	≥1%	≥1	≥ ¼	≥ '∘	≥ ′₁	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		30.7	44.2	44.5 46.9	3 .7 55.€	51.7	54.4 57.4	55.2 58.4	50.4	96.3 59.2	50.0 59.0	5 • 0 59 • 2		56.3 59.5	1.6 ⋅ 6 59 ⋅ 4	50.6
≥ 18000 ≥ 16000		7:01	44.2	45.9 46.9	53.6 53.6		57.6 57.6	58.7 58.7	58.7 56.7	5 5 5 5 5	50 s	59.5 59.3	5°.8	59.£ o0.1	50•1 60•3	62
≥ 14000 ≥ 12000		73.7 74.6	44.5	47.2 47.7	51.9 54.4		57.9 58.4	9.0 59.5	50.0 59.5	5 c . §	60.1 50.6	50.1 60.0	3 3 4	ر ن د ن د	50.6 61.1	6 .6
≥ 10000 ≥ 9000	_	77.1 77.4	45.5 45.5	3 0 3 0 4 4	55.5 55.8	F 0 . F	57.8 57.1	61.1	51.4	61.7 61.9	62.2	61.9 62.2	u∵•2 62•5	62.2 62.5	62.5 52.7	52.5
≥ 8000 ≥ 7000		, 9	47.7	- 4 - 7	57.0	50.3 53.3	57.°	63.5 64.1	53. 54.1	64.3 54.9	54.6 65.1	64.6 65.1	65.4	64.7 65.4	65.1 65.7	55.1 13.7
≥ 6000 ≥ 5000		40.5 42.3	45.5 51.5	51•2 54•2	გი•ი ამ•7	ნი•1 63•8	e 3 • ↑ 57 • ₹	64.6 68.4	64.6 55.4	65.4 69.2	69.4	65.7 69.4	69.7	66.7 69.7	65.1 73.0	16.2
≥ 4500 ≥ 4000		4 5 . 6		55•2 53•4	63 <b>.8</b>	64.9 60.7	68.4 73.2	69.4 74.3	59.4 74.3	70.5 75.3	76.8 75.5	711.8 75.0	71.7 75.9	71. 75.	76.1	76.1
≥ 3500 ≥ 3000		# c . ≎ 3 J . 7	56.0 51.	5 • 1 55 • 4	7 - 8		75.3 33.5	76.4 35.0	76 • 4	77.5 86.1	77.7 66.3	77.7 86.3	78.0 86.6	78.0 86.6	78.3 36.9	79.3 66.9
≥ 2500 ≥ 2000		53.1	37.2 64.0	67.6 6:.5	80.2 82.3		.6.3 89.5	77.4 90.6	37.4 90.6	86.5 92.3	93.7 92.2	88.7 92.2	89.0 52.5	89.1 92.5	59.3 92.8	69.3
≥ 1800 ≥ 1500		3.1	64.	5° 9			89. 9.1	70.6 72.2	92.2	92.1 93.6	92.2 94.1	92.2 94.1	92.5	92.5 94.4	92.8 94.6	94.6
≥ 1200 ≥ 1000		1 • د 1 • د	64.3	7 .5	9 1 . 8 8 3 . 9		√0.3 91.7	92.5 93.8	92.5 93.8	93.8 95.2	94.4 96.2	96.5	94.6	94.5 96.3	94.9 97.1	97.6
≥ 900 ≥ 800		3 • 1	54.	7 • 5 7 • 5			91.7 92.	93.8	93.4	95.2 95.7	96.2 96.8	96.5	96.8 97.6	96.8 97.6	97.1 97.9	77.5 95.4
≥ 700 ≥ 600		53.1 53.1	64.7	75.5	83.9 33.9			94.4 94.4	94.4 94.4	95.7 95.7	76.8 96.8	97.1 97.1				
≥ 500 ≥ 400		37.1 53.1	64.0	7′•5	83.9 83.9		92.3 92.1	94.4	94.4	95.7 95.7		97.1			97.9 98.1	98.4 96.7
≥ 300 ≥ 200		73.1 [3.1	64.7	70.5	83.9 83.9	35.5	22.0	94.4	94.4			97.1 97.1			98 • 1 98 • 1	58.5 59.7
≥ 100 ≥ 0		53.1 53.1	64.0	7 . 5 7 . 5			92.0	94.4 94.4	94.4 94.4		- 1	97.1 97.1	l .	97.9	98.1 98.1	99.7 100.1

TOTAL NUMBE
TOTAL NUMBE

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

,

THINGS CEIMATOLDGY HRANCH LIBRETAC GL. WEATHIN SERVICE/MAC

#### CEILING VERSUS VISIBILITY

FICH-NI FANSS NO

69-71,73-00

жомчн . 9.0-11<u>00</u>

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.7	≥1%	≥1	≥ '•	5,4	≥ :	≥ 5 16	≥ .	≥0
NO CEILING		3 1 . 7	44.3	47.4	57.3	57.9	59.7	59.3	50.0	F 3	59.5	59.5	59.6	ى ، 9 د	59.6	:,4.6
≥ 20000		41.	42.	5 . 5	61.	1.7ر	62.5	63.0	63.	63.4	63.4	63.6	v3.7	63.7	7 و لا ن	53.7
≥ 18000		-1.2	48.2	56.2	61.1	51.9	62.3	63.3	63.3	63.7	63.0	63.5	64.3	64.	64.	64.5
≥ 16000		1.3	4 3 . 3	3 • 3	51.3	12.0	53.0	63.4	υ3 <u>.4</u>	63.4	64.	64.	64.3	64.3	64.7	64.3
≥ 14000 ≥ 12000		4 1 • 2	4 7 • 0		61.4		53.9	64.3	64.3	64.8	64.9	64.9			65.2	65.2
		41.4	4 4	51.7	62.2		64.3		64.3			65.4			7 و 5 ي	65.7
≥ 10000		2 2 . 4	50.	€0.7	63.3				56.?			66.8			67 <b>.</b> 1	
		42.7	5 .	53.4	<u> </u>		55.5					67.5			07.8	$\overline{}$
≥ 8000 ≥ 7000		43	51.1	4 • 3	55.1			- 1	68.4			69.1			67.4	
		43.1	52.		65.6		69.2				70.€	_			70.9	$\overline{}$
≥ 6000 ≥ 5000		43.4			67.4			71.0	71.0			71.6		_	72.5	7.
		-4.0	54.0				71.6			72.9		73			73.3	
≥ 4500 ≥ 4000		44.4		1	- ,		72.4			73.6					74.7	- 4
		46.5	57.5	<del></del>			77.7							79.7		
≥ 3500 ≥ 3000		47.0	59.4		77.3				32	82.5			83.1	÷3+1	a 3 • 1	
		10.3	67.1	67.2	8 ? . 6		<u>37.2</u>				58.7			89.2		59.2
≥ 2500 ≥ 2000		1.5	64.5	69.7	85.5			91.0		91.€	91.3	91.6			92.2	1 1
		1 ، ، 1	٤5.	7:6			91.6					94.2			94.7	$\overline{}$
≥ 1800 ≥ 1500		. 1	65.4	! !	85.9	80.7		^3.1	93.1		94.4	94.4		94.8	94.8	95.
		2.4	66.	71.5				93.9			95.1	95.1			95.5	
≥ 1200 ≥ 1000		12.4	06.5	72.9	38.4	76.2		94.7	94.7		95.9	95.9			96.7	90.5
		12.6	66.		<b>7</b> د ۶		93.6			96.2			97.3		97.3	
≥ 900 ≥ 800		52.9	65.7	72.6	30.1	91	94.2	95.6	95.6		97.3				98.2	98.3
		53.3	67.		89.3						97.6					
≥ 700 ≥ 600		£3.0	6 7 • .	72.3	84.3			95.9	95.9			97.9	-			98.€
		550.	67.	72.9		91.3					97.7					
≥ 500 ≥ 400		53.7	67.2	72.9	89.3			96.0		97.3				. =	98.8	99.1
		53.1	67.2				94.5				97.7					c9.2
≥ 300 ≥ 200		53.0	67.2					96.1	96.		97.7		1		98.6	99.5
£ 200		53.	67.2				94.5				97.7			98.8	98.9	99.7
≥ 100		53.1	67.2			71.2			96.7		97.7				95.8	99.7
≥ 0		5.3	67.2	72.9	89.3	71.3	94.5	96.3	96.:	97.3	97.7	98.5	78.8	98.3	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 65

POST OF A TOP OF SERVICE AND A

## CEILING VERSUS VISIBILITY

FICH-NE DANGE KO

69-7-,73-5

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1237-1430 8008 (57

CEILING							VIS	BILITY (ST	ATUTE MILI	ES:				_		
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥27	≥ 2	≥172	≥1'⊌	≥1	≥ ¼	≥ ¾	≥ '′ɔ	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		47.7	54 · 4	57•1	61.9	61.9 68.3	62.5 62.4	62.3 58.4	32.1 68.4	62.0 63.4	92.0 68.4	63.4	52.5 63.4	52.3 68.4	12.° 62.4	62. 68.4
≥ 18000 ≥ 16000		f?•i	67.9 67.9	53.1 53.1	6 · • 3	64.4 03.4	68.6 65.6	68.5 68.5	68.6	68.6 68.6	58.6 5.80	65.5 65.6	68.6 68.6	68.5 68.6	68.6	
≥ 14000 ≥ 12000		52.4 52.6	61."	03.4 04.1	63.2 69.9	1.03	69.5 70.2	7 i 2	7 3	69.5	69.5 70.0	69.5 70.2	69.5 70.2	59.5 70.2	69.5 70.2	76.2
≥ 10000 ≥ 9000		52.7	6). 5).	54.7 55.0	71.7	71.1 71.4	71.3 71.6	71.5	71.3	71.3 71.6	71.3 71.6	71.3 71.6	71.3 71.5	71.3	71.3 71.6	71.3
≥ 8000 ≥ 7000		74.2	63. T	56 • i	74.7	73.5	73.0 75.0	73.0 75.0	73.0 75.0	73.0 75.0	73.0 75.0	75.0	75.3	73.1 75.6	73. 1 75. 1	75.
≥ 6000 ≥ 5000		54.4 55.6	60.2 67.3	დგ∙გ გ⊊.მ	75.5 76.9	75.7 77.1	75.8 77.4		75 • E	75.6 77.4	75.6 77.4	75.8 77.4	75.8 77.4	75.3	75.8 77.4	
≥ 4500 ≥ 4000		50.2	73.2	70 • 6 75 • ¥	77.9	78.2 33.2	78.5 33.4		78 • 5 33 • 7	79.0 83.8	79.0 83.6	79.0 83.8	7°.0	79.	79. 83.5	79.0 23.8
≥ 3500 ≥ 3000		5 1 • 1	73.0	76.0		54.9 58.5	85.4 89.	25.7 89.3	85.7 82.3	85.9 85.6	89.6		85.9 89.6	55.4 89.6	65.9	
≥ 2500 ≥ 2000		61.5 64.2	77.6	51 • · · · · · · · · · · · · · · · · · ·	39.6 92.3	93.1	97.9 .93.7	91.2 94.2	91.2 94.2	94.7	91.7 94.8		91.7 94.8	91.7 94.8	94.8	
≥ 1800 ≥ 1500		54.2 64.3	70.3	32.7 33.5	92.3		93.7 95.3	94.2 95.8	94.2 95.8	94•7 96•2	94.5	94.5	94.8	94.5 96.5	94.5	95.0
≥ 1200 ≥ 1000		64.3 64.3	8 i	33.5 34.0	94.2 94.7	95.4	95 • 6 96 • 1	96.1	96.1 96.5	90.5 97.0	97.3	97.6		96.9 98.1	96.9 98.1	97.2
≥ 900 ≥ 800		64.8 54.8		34 • 0 34 • 0	94.7	1	96 • 1 96 • 1	96.5 96.5	96.5 96.5	97.0		97.6 97.6	98.1	\$8.1 98.1	98.1 98.1	ಾ . 4
≥ 700 ≥ 600		64.8 64.3	80.5	54.0 34.0	94.7		96 • 1 96 • 1	96.5	96.5 96.5	97.0		97.6	98.1	98.1 98.1	98•1 98•1	○3.4 98.6
≥ 500 ≥ 400		64.5 54.5	8	84.0 84.0	94.7 94.7	95.8	96.4 96.4		96.9 96.9	97.3	98.	96.3				99.4
≥ 300 ≥ 200		54.5 54.3	80.5	94 • 0	94.7 94.7		96.4 96.4		96.9 96.9	97.3 97.3	98.	98.3 98.3	98.7			09.5
≥ 100 ≥ 0		64.8		94.0 94.0	94.7 94.7				96.9 96.9	97.3 97.3		1			99.4	99.8 100.0

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

SECRAL CLIMATOLOGY BRANCH USAFITAC AT WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

KOOM-NI PANSE KO

69-7 ,73-87

JA".

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (\$1

CEILING					_		VIS	BILITY IST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 1/2	≥1′₄	≥≀	≥ 14	≥ '*	≥ >	≥5 16	≥.	≥0
NO CEILING ≥ 20000		33.0	53.4 59.6	34.5 6.9	50.6 65.4			58.8 65.5	58.5 65.5	58.6 65.5	58.3 65.5	5°.8	5F.8.	58.8 65.5	58.5 65.5	58.6 65.5
≥ 18000 ≥ 16000		54.7	51.2	62.5	€6.5		66.5	66.7	66.7	66.7	66.7	66.7	66.7	06.7	66.7	66.7
≥ 14600 ≥ 12000		55.8 56.3	62.4	63.7	63.4	58.4	68.4	60.5 68.9	68.5	68.5	68.5	65.5	66.9	56.5	68.5	50.5 68.9
≥ 10000 ≥ 9000		56.9	63.0 64.2	55.2 55.5	7 .5	70.8	75.8	71.3	71	71	71. 71.3	71.6	71.	71. 71.3	71.9 71.3	71.C
≥ 8000 ≥ 7000		57.9 58.6	64.5	66.3	71.7	71.9	71.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72 · 1 73 · 8	72.1 73.8
≥ 6000 ≥ 5000		55.1	65.5	63.0 62.9	73.9	74.3	74.0	74.2		74.2	74.2	74.2	74.2	74.2	74.2 75.1	74.2
≥ 4500 ≥ 4000		62.7	6 - • 7	7L • 2	76.4 70.2		76.6	76.8	76.5	76.8 PL.0	76.8	70.8	76.8	76.8	76 • 9	76.6
≥ 3500 ≥ 3000		65.5	75.8	77.3	83.5	33.7	83.7 92.5	84.1	34.3	84.3 93.3	84.3	24.3	84.3 93.3	54.3	£4.3	
≥ 2500 ≥ 2000		71.7		45.0	93.3	23.4	93.8	94.4	94.6	ଦ୍ୟ - ଓ	94.8	94.8	94.8 97.0	94.0	94.8	94.8
≥ 1800 ≥ 1500		71.9	84.5	90.3	95.5	75.7 96.3	96.1	96.6	96 . F	97.5	97.°	97.1 98.1	97.0 98.1	97.0	97.6 98.1	97.
≥ 1200 ≥ 1000		72.3	84.5	36.9 57.1				97.9	98.1	98.3			98.5		98.5	98.5
≥ 900 ≥ 800		72.3	85.1	97.1	97.0	97.2		98.5	98.7	98.9 98.9		99.4	99.4	99.4	99.4	99.4
≥ 700 ≥ 600		7:03	35.	37.1 57.1	97.0 97.0			98.5	93.7	98.9 98.9	99.1	99.4	99.4	99.4	99.4	99.4
≥ 500 ≥ 400		72.3	85.0 85.0	27.1	97.0 97.0			98.5 98.5		98.9 98.9		99.4	99.4	99.4 99.8	99.4 99.8	99.E
≥ 300 ≥ 200		72.3 72.3	85.0 85.0	57.1 27.1	97.0 97.0		97.9	98.5 93.5		98.9		99.6 99.6	99.8		99.8 99.8	1 70.C
≥ 100 ≥ 0		72.3 72.3	85.0 85.0	97•1 37•1	97.0 97.0	97.2 97.2	97.9 97.9	98.5 98.5	98.7 95.7	98.9 98.9	99.1 99.1	99.6 99.6	99.8 99.8	99.8 99.8	99.8 99.8	100.1 100.1

TOTAL NUMBER OF OBSERVATIONS

534

USAF ETAC HULGA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

CE AL CETMATOLOGY RRANCH G AFFIAC MEATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

1/3 ACON-NI TALIGE KO

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Α	4 1
HOURS	

CEILING							VIS	BILITY ISTA	ATUTE MIL	ES						
(FEET)	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.2	≥ 2	≥11⁄2	≥1′₄	≥1	≥ 1/4	≥ %	≥ '5	≥5 16	≥.	≥0
NO CEILING ≥ 20000		43.5	47.5	51.5 56.0		53.2	53.9 64.0	59.2 64.4	59.3	59.4 64.7	59.5 64.7	59.5	50.5 64.8	59.5 64.8	57.6	54.6 64.9
≥ 18000 ≥ 16000		47.1	54.2 54.4	56.4	65.2	53.7 63.9	54.5	64.9	64.9	65.1	65.2 65.5	65.2 65.5	65.3	65.3	65.3	55.3
≥ 14000 ≥ 12000		47.7	55.0	57.1	64.2	65.2	65.6 66.1	66.0 56.5	66.5	66.2 65.7	56.3	66.3	60.5 67.0	66.5	65.5	66.5 67.0
≥ 10000 ≥ 9000		48.4	56.6	53.5 58.9	65.0	60.5	67.5	67.9 64.4	67.4	65.2	68.3	68.3	68.4	68.4	68.5	68.5
≥ 8000 ≥ 7000		49.1	57.4 58.4	63.0 51.1	67.7 69.2	58.3 09.8	69.4 70.9	69.8 71.4	60.8	7 • 1 71 • 6	70.2	75.2	_ * :		71.4	7. • 4
≥ 6000 ≥ 5000		50.3 51.3	59.2 63.6	61.8	69.9	73.5 72.1	71.6	72.1 73.8	72.1	72.4 74.1	72.5	72.5 74.2	72.6	72.5 74.3	72.6 74.4	72.6
≥ 4500 ≥ 4000		51.5	61.3	54 • 1 57 • 6	72.6	73.3	74 • 5 79 • 6	75.1 79.6	75 • 1 79 • 7	75.5 80.0	75.5 80.1	75.5 80.1	75.7 83.3		75.7 60.4	75.7
. ≥ 3500 ≥ 3000		55.5 55.5	67.1		1 1	86.6	82.0 88.5	82.6 39.1	32.7	83.0 89.6	83.1 89.7		83.3			83.4 89.5
≥ 2500 ≥ 2000		59.5	72.7	75.3	37.7	88.7	92.9	91.3 93.8	91.3	94.6		92.5	92.1	92 • 1 94 • 9	92.2 95.0	1
≥ 1800 ≥ 1500		60.6	74.5	77 • 7 76 • 3		90.9	92.9	93.9 95.0	93.9	94.6 95.8	94.6 96.	94.6	95.0 96.3	95. 96.3	95.0 96.3	_
≥ 1200 ≥ 1000		61.0 61.0	74 . ć	75.5 79.0	1 1	92.2	94.5 95.0	95.5 96.1	95.5 96.1	96.3 96.9		96.5 97.6		96.7 98.0	96.8 98.0	96.9 98.2
≥ 900 ≥ 800		51.1 61.1	79.9 75.0	79 • 0 79 • 1	1 1 7 7 3	92.9 93.0	95.2 95.4	96.3 96.5	96.5		97.5 97.7	97.9 98.3		98.2 98.5	98.3 98.5	98.5 98.E
≥ 700 ≥ 600		61.1	75.3 75.9	79.1 79.1		93.0 93.0		96.5 96.5	96.5		97.7 97.8	98.0 98.1	98.5 98.5		99.5 98.6	3.69 98.9
≥ 500 ≥ 400		51.1 51.1	75.0 75.0	79 • 1 79 • 1	1	93.D 93.J		96.6 96.6	96.6		97.9 98.5	98.2 95.3			98.7 99.0	99.1
≥ 300 ≥ 200		51.1 61.1	75.0 75.0	79.1 79.1	1 1	93.0 93.0	95.5 95.5		96.6 96.6	97.4 97.4		98.3 98.3		98.9 98.9	99.3 99.1	99.5 99.8
≥ 100 ≥ 0		61.1 61.1	75.0 75.0	79.1	,,		1				98.1 98.	98.3 98.3		98.9 98.9		99.8

SCUMAL CLIMATOLOGY BRANCH CONFETAC ASS WEATHER SERVICE/MAC

USF WITH 4 TOTAL SELECTION

#### CEILING VERSUS VISIBILITY

STATION STATION NAME

59-70,73-80

. 400-0800 HOURS 151

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1'7	≥112	≥1	≥ ⅓	≥ '⁄8	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		77•1 3ۥ5	47.4	57.9 53.2	55•7 5°•6		56.3 59.2	57.2 60.1	57.2 60.3	57.2 60.3	57.2 63.6	57.2 60.6			57.2 60.9	57.8 51.5
≥ 18000 ≥ 16000		39.1 39.1		53 <b>.7</b> 53 <b>.7</b>	5°.?		0, 00 0 0 0 1	60.6 60.6	60.9 60.9	60.9		61.2 61.2	61.5	_	61.5	62.1 62.1
≥ 14000 ≥ 12000		34.1 54.1		54. 54.3	5 . 5	39.5 6].1	6 .1	60.9 61.5	61.2 61.3	61.2 61.8		61.5	62.4	61.8 62.4	61.3 52.4	
≥ 10000 ≥ 9000		40.8 40.8	5 ° • • • • • • • • • • • • • • • • • •	56.3 56.3	52.6 52.6	62.6 62.6		64.1 64.1	64.4 64.4	64.4 64.4		64.7 64.7	64.9 64.0	64.9 64.0	64.9	
≥ 8000 ≥ 7000		42.2 43.1	54.0 55.0	57•8 53•9	64.7 65.1	54.7 66.1	65.5 67.0	66.4 67.8	66.7 68.1	66.7 66.1	67.7 68.4	67.0 66.4	67.2 63.7	67.2 68.7	67.2 65.7	67.8 69.3
≥ 6000 ≥ 5000		43.1	55•2 56•1	59.9 59.8	66 • 1 67 • 0	56.1 67.0	67.8	68.1 69.0	63.4 69.3	69.4 69.3	62.7 69.5	68.7 69.5	69 B	69.8	69 · 3	49.5
≥ 4500 ≥ 4000		44.0	56.0 58.3	60.3	67.5 70.4	67.5		69.5 72.4	69.E	69.8 72.7	1	70.1 73.0	7:) • 4 73 • 3	70.4 73.3	70.4 73.3	71.2
≥ 3500 ≥ 3000		40.8	61.4	64.4 57.0	73.0	73.0 79.3	73.9 80.5	75.6 82.5	75.9 83.1	75.9 83.3	76.1 83.6	76.1 83.6	76.4 83.9	76.4 83.9	76.4 83.9	77.5 84.5
≥ 2500 ≥ 2000		52.3 54.0	67.2 69.3	71.8 73.9	83.3 86.8			86.5 90.2	87.1 90.8	87.4 91.1	87.6 91.7	87.6 91.7			87.9 92.0	
≥ 1800 ≥ 1500		54.3 54.9	69.8 70.7	74.4 75.3	87.4 58.5	87.4 88.5	88.5	90.8 92.5	91.4 93.1	91.7 93.4		92.2 94.0	92.5	92.5 94.5	92.5	95.1
≥ 1200 ≥ 1000		55.2 55.2	71.J	75 • 6 75 • 6	87.1 8°.7	59.1 89.7	95.5	93.1	93.7 95.4	94.0 95.7	94.5	94.5		95.1 97.1	95.1 97.1	95.7
≥ 900 ≥ 800		55.2 55.2	71.0 71.0	75 • 6 75 • 6		89.7 59.9	92.0 92.2	94.5 94.8	95.4 95.7	}	96.3 96.6	96.3 96.6			97.1 97.4	97.7 98.0
≥ 700 ≥ 600		55.5 55.5	71 • 3 71 • 3	75.9 75.9	90.5 90.5	90°8		95.7 96.0	96.6 96.8	96.8 97.1		97.4	98.3 98.6	98.3 98.6	98.3 98.6	28.9 99.1
≥ 500 ≥ 4t		55.5 55.5	1 1	75.9 75.9	90.5 90.5		93.1 93.1	°6.0	96.8 96.8	97.1		97.7 97.7	95.6 98.6	98.6 93.6	98.6 98.6	99.1
≥ 300 ≥ 200		55.5 55.5		75.9 75.9	90.5 90.5		93.1 93.1	96.0	96.8	97.1 97.1	97.7 97.7	97.7 97.7	98.9	98.9	98.9 98.9	
≥ 100 ≥ 0		55.5 55.5	1	75.9 75.9	90.5	3.00 8.10	93.1 93.1	°6.0	96.8		97.7 97.7	97.7			_	170.0

TOTAL NUMBER OF OBSERVATIONS

348

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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- 73 A CN-N1 RANDE KO

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#### CEILING VERSUS VISIBILITY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V15	BILITY (ST	ATUTE MIL	ESI						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.2	≥ 2	≥1'7	≥112	≥1	≥ 3/4	≥ '⁄9	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		42.1	50.7 54.5	52.5 56.2	57.1 61.8	57.5 62.2	57.9 62.6	58.5 63.4	58.7	54.7 64.3	58.7 64.7	56.7 64.7	52.8 54.8	58.0 64.8	58.9 64.3	54.8
≥ 18000 ≥ 16000		45.3	55.1 55.5	56.9	62.4 62.9	52.5 65.4	63.2 63.7	64.J	64.7	65.0 65.5	65.3 65.8	65.3 65.8	65.5 66.0	65.5 66.L	65.5 66.€	65.5 66.0
≥ 14000 ≥ 12000		45.5 45.0	56.0	58.7	63.5 64.2	64.C	64.3 65.0	65.2 65.8	65.8 66.5	66.1 66.8	66.5	66.5	66.6 67.3	56.6 67.3	66.6	1 - 1
≥ 10000 ≥ 9000		47.6	50.	60.3 61.4	60.0 67.9	67.4	67.7 59.7	68.7 69.7	69.4	69.7	70.0 71.	70.6	70.2 71.2	70.2 71.2	72.2 71.2	
≥ 8000 ≥ 7000		46.9	6	52.7 63.0	69.4 79.2	69.9 73.7	73.2 71.0	71.2 72.0	71.3 72.6	72.1 74.9	72.4	72.4	72.6 73.4	72.6 73.4	72.6 73.4	
≥ 6000 ≥ 5000		49.3 5.4	61.3 62.4	53.2 54.5	70.3 71.6	72.8 72.1	71.2 72.6	72.1 73.9	72.8 74.6	73.1 74.9	73.4 75.2	73.4 75.2	73.5 75.4	73.5 75.4	73.6 75.4	75.6
≥ 4500 ≥ 4000	-	50.5 52.7	62.6 65.4	64.7 67.1	71.8 74.4	72.3 74.9	72.8 75.5	74 • 1 76 • 8	74.7 77.5	75.0 77.8	75.4 78.1	75.4 78.1	75.5 78.3	75.5 78.3	75.5 75.2	1 1
≥ 3500 ≥ 3000		53.3 54.5	66.2	63.7 71.2	76.8 31.4	77.3	78.0 81.8	79.3 83.5	79.9 84.3	80.2 84.6	80.6 84.9		1 - 1 1	80.7 85.1	80.7 65.1	80.7 85.1
≥ 2500 ≥ 2000		50.4 57.1	71.3	74 • 2 75 • 5	84.1 86.4	84.9 87.2	36.4 88.8	96.J	88.8 91.4		89.6	89.6 92.5	89.8 92.7	89.8 92.7	39.5 92.7	
≥ 1800 ≥ 1500		57.1 57.9	72.5	75.7 77.3	86.5 88.3	87.4 89.1	87. 90.9	90.6 92.7	91.6 93.6	92.1 94.3	92.7 95.0	92.7 95.J	92.9 95.1	92.9 95.1	92.9 95.1	1
≥ 1200 ≥ 1000		56.3 53.8	74 • 6 75 • f	73 • 3 78 • 8	59.8 90.6	91.6 91.4	92.4 93.2	95.1	95.3 96.3	95.8 96.8	96.4 97.4	96.4 97.4	96.6	96.5	96.6	
≥ 900 ≥ 800		58.8 59.2	75.0 75.4	73 • 8 79 • 3	90.6 91.1	91.4	93.2 93.7	95.1 95.8	96.3 96.9		97.4 98.1	97.4 98.1	97.6 98.2	97.6 98.2	97.6 98.2	97.6 50.2
≥ 700 ≥ 600		59.2 59.3	75.4 75.5		91.2	92.4	94.0 94.2	96.1 96.3	97.2 97.4		98.4 98.5	98.4 98.5	98.5 93.7	98.5 98.7	98.5 98.7	1 1
≥ 500 ≥ 400		59.3 59.3	75.5 75.5	79.4 79.4	91.4 91.4	92.4 92.4	94.2 94.2	96.3			98.5 98.7	- •		98.7 98.9	98.7 99.0	98.7
≥ 300 ≥ 200		59.5 59.5		79.6 79.6	91.7 91.7	92.7	94.5 94.5	96.6 96.8	97.9 98.1	98.4 98.5	99.0 99.2	99.0 99.2		99.2 99.4	99.4	1 - :
≥ 100 ≥ 0		59.5 59.5	1	79.6		92.7	94.5 94.5	96.8	98.1 98.1	98.5 98.5	99.2 99.2		99.4	99.4 99.4		100.0

TOTAL NUMBER OF OBSERVATIONS

617

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9

SECRAL CLIMATOLOGY BRANCH L'AFETAC 417 MEATHER SERVICEZMAC

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#### CEILING VERSUS VISIBILITY

4 73 KOON-NI RANGE KO

69-70,73-3" YEARS

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1237-143C

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1.4	≥1%	≥1	≥ 1,4	≥ '⁄'8	≥ ′⁄2	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		50.7 50.2	54.2 6 .2	55.5 31.7		58 • 8 66 • 8	59.5 67.5					59.5 67.8	59.5 67.8	59.5 67.3	59.5 57.2	59.5 67.8
≥ 18000 ≥ 16000		55.8 55.8	6 . 3	61.8		57.5	67.7	67.8 68.3	68.0	63.5	68.5	68.0 68.5	68.0 68.5	68.0 58.5	68.7 58.5	65.5 68.5
≥ 14000 ≥ 12000		50 • 2 55 • 5	61.8	63.3	63.0 65.7	68.7	69.3	68.8 69.5	69.7	69.0 69.7	69.1 69.7	69.0 69.7	69.7 69.7	69.0	59.0 69.7	69.1.
≥ 10000 ≥ 9000		57.7 50.1	63.3	54.7 65.2	70.0 70.5	70.5	70.7 71.2	70.8 71.5	71.7	71.c	71.7 71.7	71.7	71.0 71.7	71.7	71.0 71.7	71.0
≥ 8000 ≥ 7000		50.0 53.7	65.5	67 • 5 6° • 5		73.2 74.2	73.8 74.8	74.2 75.2	74 • ? 75 • 3	74.3 75.3	74.3 75.3	74.3 75.3	74.3	74.3 75.3	74.3 75.3	74.3 75.3
≥ 6000 ≥ 5000		60.5 52.0	65.7 69.5	€8•5 70•3		74 • 5 76 • 5	75.2 77.2	75.5 77.5	75.7 77.7	75.7 77.7	75.7 77.7	75.7 77.7	75.7 77.7	75.7 77.7	75.7 77.7	75.7 77.7
≥ 4500 ≥ 4000		62.5 65.2	69.2 72.2	71.0 74.0		77.3 30.7	78.7 31.5	78.3 F1.8	75.5	78.5	78.5 82.0	78.5	78.5 82.0	78.5 82.	78.5 82.3	75.5
≥ 3500 ≥ 3000		67.2	74.3 75.3	76 • 2 72 • 3	t I	33.3 86.3	34.3 87.5	: 1	84 • 5 38 • €	85. 88.3	85.°	35. 88.3	85.0 88.3	35.0 38.3	85.7 88.3	25.0
≥ 2500 ≥ 2000		713. 7 71.8	7° • 2 79 • 8	9J.2 31.8	1 1	83.3 94.8	90.0 92.0	90.3 92.3	90.5 93.0	9u.8	90 • E 93 • 3	96.8 93.3	96	90.3 93.3	93.8 93.3	93.3
≥ 1800 ≥ 1500		71.8	79.5 81.7	31.8 32.8		92.	92.0 93.2	92.3 93.5	93.0 94.2	93.3	93.3 94.5	93.3	93.3	93.3 94.5	93.3	93.3
≥ 1200 ≥ 1000		72.7	87.8 81.5	43.5 54.2	92.8 94.3	93.0 94.5	94.2 95.7	94.7	95.5 97.7		95.8 98.1	95.8 96.3	95.8 98.0	95.8 98.0	95.8 98.0	95.8 98.0
≥ 900 ≥ 800		73.5 73.5	81. i	84.2 84.3		94.7 94.8	95.8 96.0	96.7 97.2	97.8 98.3	98.2 98.8	98.2 98.8	93.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8	98.2 98.8
≥ 700 ≥ 600		73.7	82.2 82.2	34 • 8 34 • 8	95.2	95.3 95.3	96.5 96.5	97.7 97.7	98 • 8 98 • 8		99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3	99.3 99.3
≥ 500 ≥ 400		73.7 73.7	87.2 87.2	34 • 8 34 • 8	95.2	95.3 95.3	96.5 96.5	97.7 97.7	98.8 98.8	99.3 99.3	99.5 99.5	99.5 99.5		99.5 99.5	99.5 99.5	99.5 99.5
≥ 300 ≥ 200		73.3	82.3	34.8 35.0	95.3	95.3 95.5	96.5 96.7	97.8	98 · 8	99.3 99.5	99.7 99.8	99.7 99.8		99.7 99.8	99.7 99.8	99 • d
≥ 100 ≥ 0		73.8 73.8	87.3	. 95.0 . 85.0	95.3 95.3	95.5 95.5	96.7	97.8 97.8	99.	99.5 99.5	99.8 99.8	99.8 99.8		190.0 150.0	The state of the s	1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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HOWARD TERMINOUS Y RANGE TO STATE OF THE SERVICE TAKEN

TRANSPORT TANSPORT

#### CEILING VERSUS VISIBILITY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05-70,73-5-

15 7-17"

CEILING							V15	IBILITY ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1/2	≥1.	≥1	≥ ابه	≥ %	≥ '7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		49.4 57.1	53.0 62.0	57.0 62.4	56.8 67.2	56 • s 57 • 2	57.0 07.4			57.5 67.6		57.2 67.8			57.2 67.8	-7. 67.3
≥ 18000 ≥ 16000		57.5 50.4	63.6	აპ•2 63•8	65.° 6°.6	68.7 68.6	52 • 2 63 • 6	68.8 68.8	5 P •	54 65.	5 K . 4	60.6		ı	58.5 59.2	
≥ 14000 ≥ 12000		5 2 • 8 6 0 • 3	£4.7	64.4 56.3	60.2 78		69.4 71.	69.4	60.4 71.	69.5 71.2	!	69.8 71.4		69.8 71.4	69.E	
≥ 10000 ≥ 9000		61.6 3.3	67.	57.2	72.1	72.3	72.2	72.2 74.6	72.3	72.4 74.5	72.4 74.8	72.6 75.0		72.6 75.	72.5 75.0	
≥ 8000 ≥ 7000		56.4	71.2	74.3		75.4 79.6	76 • 6 73 • 4	76.5	76.0	76.5 74.0	76.6 79.6	77.	77.0	77.	77.5	77.
≥ 6000 ≥ 5000		67.6	75.8 75.6	75.4 75.3	€`.6 81.6	10.9	ું દું વ		51.5	51.	81. 82.	91.2 32.3			91.2	
≥ 4500 ≥ 4000		67.6 69.4	75.2	76 • ú	81.5	11.0	51.8	1.8	1.	92.1 83.5	82.0 83.0	82.2	82.2 64.5	12.2	92.2	
≥ 3500 ≥ 3000		71.3	89.4 34.	50.5 54.2	56.4 90.0	> 6 • 4 ∵ ) • Ç	36.6 93.4	°6.8 ?₫.4	3€.8	97.0	57.3 90.5	97.2 90.3	37.2 90.8	87.2 90.9	87.2 90.8	1 1
≥ 2500 ≥ 2000		17.2 75.6	85.5	56.8 88.0	92.6	04.4	33. ^ 34. G	03.0 94.8	97.0 94.0	93.2 95.4	97.2	95.4		93.4 95.6	93.4	93.4
≥ 1800 ≥ 1500		7:09	86.6 89.	38 • 8 39 • 6		04.8 05.6	95.2 96.	95.2	45.6 96.4	95.8 95.6	95.8 96.6	96.6 96.8			96.0	90.5
≥ 1200 ≥ 1000		20.0 20.4	80.8 9	91.4	96.4	96.4		96.8	97.2 98.6			97.6	97.8 99.2		97.8 99.2	1
≥ 900 ≥ 800		30.4 83.4	91.0	91.2 91.6	97.4		97.3 98.4	98.2 98.6	98.5		98.8	99.5	99.2		99.2	
≥ 700 ≥ 600		80.0 20.6	91.2	91.6	98.0 98.0	98.0 98.0							130.0 130.5			
≥ 500 ≥ 400		80.8 80.8	91.2	71.6 71.8	93.0 98.0	98.0 98.0	98 • 6 98 • 6	99.6	90.4				160.0 180.0			160.8 100.5
≥ 300 ≥ 200		3 \ h 33	91.2	91.8 91.8		98 • J 98 • C	93.6	99.0	- 1	99.6			100.0			
≥ 100 ≥ 0		25.8	91.2	91.8			98.5	99.0 99.0	99.4				100.0 100.0			r I

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

COUTAL CLIMATOLOGY PRANCH PRAEKTAC ATP AFATHOR SERVICE/MAC

#### CEILING VERSUS VISIBILITY

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65-70,73-60

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### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY -ST.	ATUTE MIL	ESi						
FEE1   	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.2	≥1%	≥1	≥ 1,4	≥ '∗8	≥ ;	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000		45.5 49.7	51.4	4 . 8 مر	5 7 • 3 64 • C	57.4 64.2		58 • 2 65 • 0		58.3 65.5	5° • 3	_		58.4 65.8	58.4 65.8	55.5
≥ 18000 ≥ 16000		50.2	57.7 5°.1	56.3 57.6	54.6 5 .0	54.7 65.1				65.0 66.4	56.2 66.6	66.2 66.6	56.3 56.7	66.3 66.7		56.4 66.8
≥ 14000 ≥ 12000		6 . 8 6 1 . 4	59.4 59.4		ინ.5 გა,4	65.7 60.5		60.5 67.4		67.8 67.8		67.2 66.3	1		67.3 63.1	
≥ 10000 ≥ 9000		12.6 5.4	51.6 61.5		6°•?	69.5 69.5	69.9	69.4 79.5	79.8	69.5 70.9		71.1				75.2 71.3
≥ 8000 ≥ 7000		54.5 55.7	64.7	65.4 66.5	71.4 72.8	71.5 73.3		72.5 74.0		73.			73.3 74.7		73.3 74.7	
≥ 6000 ≥ 5000		55.¢ 55.₹	63.5	67.0 62.2	70.3	74.8				75.0 76.5			75.3 76.5		75.3 76.3	
≥ 4500 ≥ 4000		57.0	64 • 7 69 • i	5:•5 75•9	75 • 1 77 • 7			76.4. 79.2		76.9 79.6		77.3 79.8		77.1 79.9	77.1 79.9	
≥ 3500 ≥ 3000		50.8 53.	71.0	77.0 76.0	80.3 84.2				86.6	92.5 86.9	87.1	87.1				92.9 97.3
≥ 2500 ≥ 2000		54.5 66.1	76.7	78.6 31.2	87.6	84.9	91.0	59.6 92.0	92.7		93.3	03.4	93.5	93.5	93.5	
≥ 1800 ≥ 1500		56•3 66•7	76.3	91.4 51.5	80.9 51.1		92.6	93.7		94.8	95.1	95,1	95.3		5 • 5 ب	
≥ 1200 ≥ 1000		67.2 67.7	7 · · ·	32.3 22.8	92.2		94.8	96.2		97.4		_	98.0	98.1	96.4	
≥ 900 ≥ 800		67.9	8: • 7 80 • :	67.3 53.1	93.5		95.3	96.9		98.1		97.8 95.4	98.6	98.5		98.7
≥ 700 ≥ 600		63.0	80. 80.	13.3	93.9	્ય . 3	95.7	97.3			98.9		99.2	99.2	99.1	99.2 99.1
≥ 500 ≥ 400		63.0 63.0	87.5	13.4	93.9 93.9	94.3	95.7	97.3		98.6		99.0		_	99.2	99.4
≥ 300 ≥ 200		68 • 1 68 • 1		33.4	94.0		95.9	97.5			99.2		99.6		99.5 99.£	
≥ 100 ≥ 0		63.1	80.5 80.5	?3.5 33.5	94 • 1 94 • 1		95.9 95.9			98.8 98.8	99.2 99.2	99.3 99.3				1 (3.1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

THE PART CLIMATOLOGY TRANCH PRITAGE TO WEAT WE SERVICE MAKE

#### CEILING VERSUS VISIBILITY

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### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-73,73-79

VISIBILITY (STATUTE MILES CEILING FEET ≥ 5 ≥ 3 ≥2.7 > 2 ≥ , ≥10 ≥172 ≥1% ≥ 1/4 ≥ >/a ≥5 16 53.7 45.3 55.3 59.6 61.2 61.4 NO CEILING 43.4 1.9 . 3 . 2 50.6 56.1 56.0 55.0 56.0 45.2 37.1 57.1 ≥ 20000 47.8 49.6 61.2 62.F ≥ 18000 ≥ 16000 49.6 57.4 57.7 50.1 62.0 52.2 62.2 62.5 53.2 63.7 53.0 03.2 (3.2 63.5 64.0 34.2 49.9 50.4 64.3 ≥ 14000 ≥ 12000 5 . . 7 61 . 4 63. / 63.2 64.3 64.3 54.3 63.5 63.8 64.3 64.1 64.3 54.8 54.8 6E.3 ≥ 10000 ≥ 9000 36.0 50.1 72.4 67.2 53.8 65.3 66.5 67.1 68.1 65.1 68.1 68.1 68.1 59.6 65.6 54.3 60.0 57.1 68.6 69.0 69.9 69.9 69.9 66.4 7r.2 69.4 71.2 ≥ 8000 ≥ 7000 57.1 66.8 71.7 77. 73.0 73. 72.8 73. 74. 58.1 57.9 74. 74.5 74.0 74.5 69.9 71.7 71.5 73.3 73.3 73.5 74.6 74.4 74.6 74.5 74.6 75.1 75.1 75.1 74.8 75.1 76.1 76.1 76.1 76.1 76.1 76.5 76.6 ≥ 6000 ≥ 5000 59.1 59.7 53.4 69.4 59.9 60.9 76.1 70.1 76.1 76.1 76.1 16.5 ≥ 4500 ≥ 4000 72.9 74.0 73.5 75.6 76.9 76.0 75.7 76.9 76.0 75.6 75.6 43.8 53.4 €1.7 78.9 73.9 ≥ 3500 ≥ 3000 41.4 5:09 62.2 72.5 74 . . 76 . 1 79.4 79.4 77.07 \$6.02 82.03 92.05 93.05 83.05 83.05 83.05 84.1 84.27 79.07 32.0 84.1 94.3 95.3 85.3 85.3 85.3 85.3 85.9 86.1 32.3 85.6 97.9 85.0 85.7 89.7 89.7 89.7 89.7 90.2 90.5 90.7 90.2 90.5 90.7 64.5 75.1 61.2 ≥ 2500 ≥ 2000 43.7 67. 55.8 77.9 42.3 67.4 67.1 5..5 
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TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

-COMPANDE THATOLOGY PRANCH CONFETAC SOME AMATHOR SERVICE/MAG

### CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

5	_	1	1	~	•
	_	1		_	-
HOURS	ı,	s	•		

CEIUNG							VIS	BILITY ST	ATUTE MIL	ES						
PEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ₁	≥ 2	≥1.7	≥1 .	≥1	≥ ¦₄	≥ ′8	≥ .	≥ 5 16	٠. د	≥0
NO CEILING ≥ 20000		43.7	4 · . 7	50.7	5 • 2 64 • 1		56.5 34.4	57.4 65.6	57.4 66.3	57.6	57.6 66.3	57.8 65.3	57.8 65.3	57.0 66.5	58.7 55.5	1.8.2 3 <b>6.</b> 5
≥ 18000 ≥ 18000		.u.,	57.5	38.5 39.4	64.7 65.4	55 • 0 52 • 7	ა5•3 ≈5•7	66.2 56.9	5 . 5 67. €	66.3 67.5	66.€ 67.€	66.9 67.6	66.9 67.6	57.1 67.3	67.4 58.1	67.4 53.1
≥ 14000 ≥ 12000		47.5	6	(1.3 (2.3	67.9 67.6		90.0 3.0 €	69.4 71.	71.5	7: .5	70.1 71.9	75 • 1 71 • 9	7 • 1	70.°	70.6 72.4	70.6 72.4
≥ 10000 ≥ 9000		يا	62.2 03.	62.0	72.8 73.2	73.1 73.5	73.2	74.4	74.9	75.1 75.6	75.7 75.7	75.3 75.7	75.3 75.7	75.4 75.7	75.7 75.2	75.7 75.2
≥ 8000 ≥ 7000		50.0 11.3	6 ' • 1	57.5	75.4 77.4	75.7 77.0	76.1 77.9	77.2	77.5 19.5	77.9	78 • 1 5 ′ • ′	78 • 1 3 • •	7° • 1	78.2	70.5	73.5
≥ 6000 ≥ 5000		51.5 53.1	67.0	69.4 70.7	77.9	73.2 74.6	75.5 79.9	79.7 31.0	87.! 31.5	91.4 51.8	61.6 31.9	9"•6 81•9	2 ° 6 31.9	85.7 82.1	61.1 32.4	7 L
≥ 4500 ≥ 4000				70.9 72.6	70.6	1.9	40.3 _52.2	81.5	21.9 23.3	62.2 34.1	34.0 84.0	92.4 94.3	82.4 34.3	92.5 34.4	82.4 84.7	82.•€ 54.7
≥ 3500 ≥ 3000		- 5 <b></b> .	72.74.1	74.3	83.1 85.1	4.7	#4.3 96.3	∂5.4 87.5	37.0	85.5 88.5	86 . 6 58 . 8	85.5 85.5	80.6 80.8	86.8 89.	37.1 89.3	
≥ 2500 ≥ 2000		57.4 59.1	7: • 1 76 • 2	76.9	80.3 27.6	57.2 58.7	27.5 39.0	88.7 90.1	89.7	89.9 91.3	90.1 91.6	90.1 91.6	9 1.1 91.6	90.3 91.8	90.6 92.1	0.3.5 02.1
≥ 1800 ≥ 1500		58.3	76.4	77.4	კ7.8 მ9.1	58.8 93.1	39.1 90.4	90.3 91.8	97.0 92.4	91.5 92.9	91.5	91.4 93.2	91.8 93.4	91.00 93.5	92.2 93.8	62.8 67.8
≥ 1200 ≥ 1000		53.5 50.	76.7	75.5	8 - 1 8 - 7	99.5 21.2	95.9 91.5	°2•2	92.6 94.	93.4 94.7	93.7 95.3	93.7	93.5 95.4	94 • 95 • o	94.7	94.3 95.9
≥ 900 ≥ 800		50.0 54.1	77.5	79.3	89 <b>.7</b>	71.2 91.5	91.5 91.8	93.2 93.5	94.3	94.9	95.4 95.7	95.6 95.9	95 <b>.7</b> 96.1	95.9 96.2	96.2	96.2 96.5
≥ 700 ≥ 600		57.3 59.3	77.0 77.0	79.9	9.6	32.1 92.1	92.5	94.3	95.0 95.0	96.0 96.2	96.6	96.9	95.9 97.1	97.1 97.2	97.5 97.6	67.6
≥ 500 ≥ 400		59.3 59.3	17.9 77.9	79.9 79.9	9 .6	02.1 02.2	92.5	94.3	95 • E	96.2 96.6	96.5 97.2	96.9 97.5	97.1 97.6	97.2 97.8	97.5 98.2	97.5 98.4
≥ 300 ≥ 200		59.3 59.3	77.9	31°.0 50.00	91.2 91.2	12.5 92.6	93.1 93.1	95.0 95.J	95.9 95.9	97.2 97.2	97.8 97.8	98.1 98.1	93.5 98.5	98.7 98.7	99.1	99.3 49.6
≥ 100 ≥ 0		59.3		მ∵•0 გე•0	91.2 91.2	92.6 92.6	93.1	95.0 25.0	95.9	97.2 97.2	97.E	93.1 98.1	93.5 98.5	98.7 98.7	99.1 99.1	09.5 ] L.

TOTAL NUMBER OF OBSERVATIONS\_

HE HAN CLIMATOLOLM (RANCH HANC CLIMATOLO SEFVICE KASI

#### CEILING VERSUS VISIBILITY

FINHUT MANGE KI

2.-7",73-10

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 " - 14"

CEILING							VIS	BILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	≥1/2	≥1	≥ ¼	5,4	≥ 5	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000		43.0 57.1	54. 65.7	54.9 35.4	5.•F	50.5 59.0	56.5 59.7	17.1		57.1 64.6			57.4 69.9	57.4 69.4	- 1	£7.4
≥ 18000 ≥ 16000		58.8		ნგ. 1 გმ. 4	7 .8	7 . 9	70.9 71.2	71.5 71.5	71 • 5 71 • 8	71.5 71.5	71 • 7 72 • 9	71.8 72.1	71.8	71.3 72.1	71.8. 72.1	71.6 72.1
≥ 14000 ≥ 12000		9.4 50.9	63.7 73.3	64.6 71.2	72.3	72.4 74.5	72.4 74.5	73. 75.1	75 75.1	7 " • 1 75 • 1	73.2 75.3	73.3 75.4	73.3 75.4	73.3 75.4	73.3 75.4	73.3 75.4
≥ 10000 ≥ 9000		62.2 52.7		72.9 73.0	76.3 77.1	76.5 77.2	76.6 77.4	77.2 78.5	77.2 78.	77.2 78.0	77.4 73.1	77.5 75.3	77.5 72.3		77.5 75.3	77.5
≥ 8000 ≥ 7000		63.6 63.2	74.7	75 <b>.7</b> 7 <b>7.</b> 5	70.5 51.4	79.8 31.7	79.0	80.5 82.5	3.00 € 13.00 € 13.00 €	86.5 88.5	გე.7 გე.ნ	80.8 82.8	31.8 81.8	ათ. მ <b>2.</b> მ	87.1 82.3	
≥ 6000 ≥ 5000		65.0 67.0	77.2	75.3 79.9	ვ. ∙მ გკ•ვ	42.5 54.1	32.6 84.3	3.2	33•? 3 <b>4</b> •9	83.2 84.9	83.4 85.	83.5 85.2	იპ.5 აპ.2	33.1 85.2	53.5 15.2	53.5 53.2
≥ 4500 ≥ 4000		57.8 55.4		90.5 91.6	54.4 33.6	34.7	84.9 86.2	5.5.5 56.8	:5.5 გე. გ	85.5 86.3	85.5	A5.8	35.9 37.1	55.5 57.1	65.9 37.1	35.6
≥ 3500 ≥ 3000		59.8 7.0	81.7	92.€ 55.6	87.0	47.4	37.6 90.6	88.2 91.2	¥1.€	43.3 91.5		38.6 91.3	88.6 91.8	98.5 91.8	58.6 91.8	
≥ 2500 ≥ 2000		77.3		31.9 36.8		⊋].n	91.2 92.1	41.8 93.0	91.8 43.4	91.1 93.7	92.0 93.9		92.4 94.0	92.4 94.	92.4	94.J
≥ 1800 ≥ 1500		72.6	65.7	87.1 37.7	91.9 90.8	92.2	9.3.5 93.7	03.4 04.6		94.2 95.5		94.5 95.8	94.5 95.8	94.5	94.5	94.5
≥ 1200 ≥ 1000		73.5	37.3	48.3 €6.6		94.2	94.6	95.5 96.3	96.7	96.4			96.7 97.5	96 • 7 97 • 5	96.7	96.7 97.5
≥ 900 ≥ 800		73.9 73.8	87.6	48.5 88.6	94.5 94.5	94.9		96.3		97.2 97.3			97.5 97.6	97.5	97.5	47.5 97.0
≥ 700 ≥ 600		73.0	37.6 97.0	98.5 33.9	94.5	94.9 95.5	95.4	96.9	96.5 97.5	97.3	97.5 98.1			07.6	97.6 98.4	93.4
≥ 500 ≥ 400		73.9		88.9 39.4	94.9	95.5	96.0 96.4	97.3	97.5 97.9	97.9 98.7	98.1	99.2	98.4	98.4	98.4	93.4
≥ 300 ≥ 200		74.2	83.3 83.3	29.4	95.4	96.0 96.0	96.4 96.4	47.3	97.9	98.7 98.7	98.8	99.	99.4	99.6	99.7	1: 6.0
≥ 100 ≥ 0		74.2	39.3	89.4		95.0	96.4	97.3	97.0		95°d	99.	99.4	99.5	99.7	1 15 • •

USAF ETAC FORM O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

20.00AL CLIMATOLOWY PRANCH CLIMETAC 2 REATHER SERVICEZMAC

### CEILING VERSUS VISIBILITY

STATION STATION NAME

62-70,73-72

15 -1701 HOURS 131

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						-	VIS	BILITY STA	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1'7	≥1.	≥1	≥ ,•	≥ `•	≥ :	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000		6 ),	55.2 6	52.2 64.5	27.7 7.6	57.7 73.6			53.0 70.9	51.0	50.0 70.0	50.0 70.9		58.7 70.5	70.7	7.07
≥ 18000 ≥ 16000		55.3 67.	7 • ÷ 71• ?	7 . 7	7:.3 74.1	73.3 74.1		73.6	73.1	73 • c	73.6 74.5	73.0	73.6 74.5	73.	73.6 74.5	73.6
≥ 14000 ≥ 12000		61.3	' ' -	72.1 73.8	74.6 76.6		-		7° • 77 •	75. 77.	7 · 77 ·	75.5	75.0 77.0		75. 77.	75 • C
≥ 10000 ≥ 9000		7 j? 71.4		75.0 76.5		76 • 2 79 • 7	78.3 8.	76.7 30.5	78.7	76.7	75.7	78.7 81.5	78.7 8.5	78.7	7 7 6 - 3	7 & • 7
≥ 8000 ≥ 7000		7 3 . 1		77.3			93.2	93.8	52.2 83.5	82.2	82.1 83.0	93.8	62.2 83.8	* 2 • 2 * 3 • -	22.2 23.8	
≥ 6000 ≥ 5000		73•3 75•1	7 81	7°.7	95.6	83.2 85.6		80.5		84.1 86.5	54 • 1 96 • 5	84.1 86.5	54.1 55.5	64.1 66.5	54.1 :6.5	
≥ 4500 ≥ 4000		75.8 77.0	83.3	40.7 53.9		36.5 17.6	58.0	38.5								7.
≥ 3500 ≥ 3000		73.9 31.4	84.5 84.7	75.4 59.0	93.9	39 • 2 92 • 9		93.7	97.7	90.0 93.7						
≥ 2500 ≥ 2000		11.9	91.3	97.5 31.0	91.9		96.3	97.1		95.4	97.3	97.3	97.3	95.4	97.5	
≥ 1800 ≥ 1500		5.2	9 • 9	71.0 71.7	95.5	95.9 96.6		98.0	97.3 98.1	97.3	98.1	0.1	98.1	97.3 98.1	97.5	97.5
≥ 1200 ≥ 1000		23.0		71.7	97.0	97.1	97.6	98.5				95.1 98.5	90.5		98.9	
≥ 900 ≥ 800		5.3.6	91.7	92.0 92.0			97.6	98.5	98.6	98.6	98.6	98.6			98.8 98.8	95.5
≥ 700 ≥ 600		93.6	91.4	92.5 92.2	97.5			98.8	98 • E	98.8	99.	98.8 99.1	98.8		59.3	99.0
≥ 500 ≥ 400		53.8 94.3		92.2		97.8		09.3			99.5		99.2			99.7
≥ 300 ≥ 200		+4.3	91.9 91.9	92.7 92.7		97.8	98.5	99.3			99.0	99.5	99.7		99.8	79.5
≥ 100 ≥ 0		24.3	91.9	92.7	97.6 97.6			99.3	99.5				99.7 99.8		9 <b>9.</b> 3 100.0	

USAF FTAC INT A 0-14-5 (QL A) PREVIOUS POTIONS OF THIS FORM ARE CASCISTI

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#### CEILING VERSUS VISIBILITY

6 73 KINN-MI FAMEL KIN

63-7-, 11-79

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IS

CEILING							VIS	IBILITY ST	ATUTE MILI	ES						]
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.,	≥1.	≥1	≥ ¼	هر ≷	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		1.4.2 1.4	51.7 60.9	52.4	5 . C	55.4	55.3 66.5	57.1 57.3	57.2 07.5	57.4 67.7	57.5 67.8	57.5		57.0 67.9	67.5 68.1	57.al
≥ 18000 ≥ 16000		52.5	61.	52.9 .5.4	67.5 67.1	67.9 58.5	58.1 63.6	69.4	ამ.1 გი.6	69.3		59.4 7:	υ ≠ • 4 7 € • €	69.4 75.6	69.5 70.2	59.5
≥ 14000 ≥ 12000		53.7 94.5	63. s	64.6 65.3	57.4 71.1	67.8 71.5	71.6	75.8 72.5	70.3 72.6	71.2 72.9	71 • <i>1</i>	71.2 75.5	71.3 73.J	71.1	71.5 73.2	71.5 73.2
≥ 10000 ≥ 9000		55.1 36.5	65.4 67.3	57 <b>.7</b> 58 <b>.</b> 7	73.4 74.4	73.3 14.9	74.2 75.2	75.0 76.1	75.2 75.3	75.5 76.6	75.5 76.7	75.6 76.7	75.6 76.7	75.6 76.5	75.5 76.9	75.3
≥ 8000 ≥ 7000		53.7	6°.3	73.7 72.2	70.7 78.3	77.1 75.8	77.6 79.3	78.5 20.2	78.7	73.9 50.6	79.1 80.7	79.1 87		79.1 85.5	79.3	76 • 3
≥ 6000 ≥ 5000		39.2 31.5	71•3 72•3	72•7 74•4	76.9 85.€	79.3 31.0	79.8 9 <b>1.</b> 6	€0•7 •2•5	მე.წ 82.6	91.7 90.9	31.7 23.7	31.3 83.7	1.3 83.5	53.1	51.5 23.2	
≥ 4500 ≥ 4000		60 51.5	73.7 <b>7</b> 4.7	74.9 75.2	81.2 82.6	1.7	82.1 13.7	33.1 84.5	83.3 04.6	23.5 85.6	33.6 85.1	93.7 85.2	83.7 85.2	£3•7 55•∠	53.9 25.4	او.د: <u>د.د.</u>
≥ 3500 ≥ 3000		63.7 54.9	76 • . 7 - • •	77.5	84.5 67.5	34.6 57.7	35.3 83.3	30.1 89.3	86.7 89.4	96.6 89.9	86.7 90.0	86.3 20.0	85.8 90.0	86.0 90.1	87.7 90.7	
≥ 2500 ≥ 2000		65.6 56.3	79.4 81.4	61 32	35.2 89.5		89.5 91.1	90.5 92.4	91.7 92.7	91.1 93.3		91.3 93.4	91.3 97.4	91.4 93.3		91.6 93.7
≥ 1800 ≥ 1500		66.3 66.3	8 · • 1	82.3	8?•8 9∂•8	90.5	91.4	92.6	93.	93.5 04.9	93.6 94.5	93.6 95.0	93.6 95.0	93.7 95.1	93.9	93.4
≥ 1200 ≥ 1000		67.0 67.3	31.4 81.	33•0 93•4	91.1 91.6	92.5 92.5	93.0 93.6	95.0	94.7 95.4	95.3 95.	95.4 96.3	96.3	95.5 96.3	95.5 96.4		95.8 96.7
≥ 960 ≥ 800		67.3	81.7 81.8	83.4 53.5	91.6 91.7	92.6 92.7	93.6 93.7	95.0 95.1	95.4 95.6		96.5	96.4 96.6	96.4 96.6	96.5 96.6	96.7	96.9
≥ 700 ≥ 600		67.6		23.8 33.9	92.1 92.3	93.1 93.3	94.2	95.6 95.8	96.1 96.3	96.8 97.0	97.° 97.2	97.1 97.3	97.1 97.5	97.2 97.5	97.4 97.8	97.6
≥ 500 ≥ 400		67.9	1	23.9 34.1	92.3 92.6	93.3 93.6	94.4	95.8 96.2		1	97.2 97.9	97.3 98.	98.2	-		97.9
≥ 300 ≥ 200		67.9 67.9	82.5 82.5	24.2 34.2	92.7 92.7	93.8 93.8	94.9	96.4 96.4	97.	97.9 97.9	98.1 98.1		92.6 98.6		99.0 99.1	99.4 99.7
≥ 100 ≥ 0		67.9	87.°	4 • 2	92.7 92.7	1	94.9	_	97. ·	97.9 97.9	98.1 98.1	98.2 98.2	98.6 98.7		99.1	99.9 1:0.0

OTAL NUMBER OF ORSERVATIONS 2.32

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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....AL CLIMATOLOGY SEANCH ... SECTAC ... SECTAC ... SERVICEZMAC

### CEILING VERSUS VISIBILITY

STATION STATE OF A CONTRACT STATION NAME

65-70,73-79 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ ?	≥1 7	≥1.	≥۱	≥ 1,4	5 %	≥ :	≥ 5 16	≥ .	≥c
10 CEIUNG ≥ 20000		25.	<b>4</b> , . (	Jt s vi	57.4	52.9	5.4	54.1 62.2	54.5	54.6 62.7	54.4 62.7	54.9	55.1 63.2	[5.1 63.2	55.1 53.2	63.7
≥ 18000 ≥ 16000		1 . 4	31.7	54 • 5 54 • 6	61.4	1.9	52.4	€3.2	53.7	63.7	63.7	63.4	64.7	64.2	64.2	64.7 64.7
≥ 14000 ≥ 12000		u ; . u	54.6	55.1	61.0	- 2 - 4	52.7 63.4	63.7	64.7	64.2	64.	64.4	64.7		64.7	65.8
≥ 10000 ≥ 9000		4	57.1 53.1	,7.9	65.7	2202	56.7	67.4	67.4	67.9	67.9	63.2	68.4	€3.4	65.4	€5.
≥ 8000 ≥ 7000		47.6	61.	52.4	7 . 4	713.9	71.7	72.4	73.2	73.2	73.2		73.7	73.7	73.7 75.2	74.
≥ 6000 ≥ 5000		5 4	67.4	64 • 2	72.2	72.7	77.4	74.2		74.9	74.9	75.2 76.9	75.4	75.4	75.4	74.0
≥ 4500 ≥ 4000		6.2.4 6.3.1	55.7 66.7	56 • 4 67 • 4	74.4	74.9	75.7	76.4	17.0	77.2	77.2		77.7	77.7	77.7	73.
≥ 3500 ≥ 3000		34.5	58.4	39.2	77.7	78.2	73.9	79.7	80.5	31.5	51.5	80.7	31.7		31.5	
≥ 2500 ≥ 2000		50.1	71.9	72.9	81.7	82.5	33.2	34.0	84.7	84.7		85.	85.2	#5.2	35.2	25.
≥ 1800 ≥ 1500		53.4		73.2	82.2	53.5	35.€	25.7	86.5	86.5	86.5	96.7	87.	57.1 89.	87.	£ 7 <b>.</b> € 3 .
≥ 1200 ≥ 1000		59.6	74.5	75.2	84.5 84.7	₹6•0	38.5	89.5	90.2	90.2	90.2		4 . 7	90.7	96.7	91.
≥ 900 ≥ 800		50.4	74.¢			27.7		91.2	€2.8	92.5	92.5	92.7	93.0	93.	73.1	۹3.
≥ 700 ≥ 600		61.07	75.0	77.2	85.7	36.2	91.0	92.0	93.0				93.7	93.7		Ç 4, €
≥ 500 ≥ 400		63.°	75.4		87.	63.5	91.2	92.2	93.7	94.7	94.7	94.2	94.7	94.7		€ 0 •
≥ 300 ≥ 200		53.9 60.9	75.9	77.9	87.5	89.0	91.7	93.0	94.5	94.7	94.7	95.0	95.5 95.5	95.5		
≥ 100 ≥ 0		60.9 60.9	75.5	77.9		80.0	91.7		94.5	74.7	94.7		95.5 95.5	95.5	95.0	99.

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

TAR CELANTOLICE SPANCE HISTOR ACTOUR SERVIC LIMBE

### CEILING VERSUS VISIBILITY

3 R ON-LE PANGE NO

4. -7' , 73-79

Αρ; MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SECTION

900 - 11 C

CEILING							VIS	BILITY ST	ATUTE MILI	ESı						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥ 2 ′7	≥ 2	≥117	≥1%	≥1	≥ 1 <sub>4</sub>	≥ %	≥ ′9	≥5 16	٤.	≥0
NO CEILING ≥ 20000		45.1 55.4	55.3	55.3 63.1	57.2 57.2	57.2 57.2	57.4 07.3		57.5 67.5	57.8 67.8			57.9 58.1	57 68.1	57.9 63.1	\$1.1 6.2.2
≥ 18000 ≥ 16000		56.5 55.8	66.	56 • 1 55 • 1	62.2 6°.2	ნა•2 ლმ•2	63.4	68.4 63.4	60.5	5 • 3 <b>6</b> • 8	68.9 68.9		69.1	69.1 69.1	59.1	67.4 69.2
≥ 14000 ≥ 12000		57.2 57.7	60.7	66.7 57.2	5: •9 63.4	63.9 59.4	' '	69.1 69.5	69.2	69.5	69.7 75.1	69.7 70.1	59.8 70.3		59.8 73.3	76.4
≥ 10000 ≥ 9000		55.4 55.0	60.3	75.3 71.9	77.1 77.0	72 • 1 73 • 2	72.2 73.1	72.2 73.1	72.4 73.5	72.7 73.6	72.3 73.7	72.8 73.7	73.0 73.8	73. 73.8	73.0 73.8	73.1 74.
≥ 8000 ≥ 7000		62.7	73.7 74.0	73.0 75.0	75.4 77.6	70 • 4 77 • 6		76.5 73.0	76.7 78.2	77.5 78.5	77.1 78.6	77.1 73.5	77.3 78.8		77.7 73.9	77.4 72.9
≥ 6000 ≥ 5000		14.0 55.4	75.0	75.3 76.8	77.9	77.9 79.3	. • •	73.5 79.8	78.5 79.9	78.8 86.2	78.9	75.9 35.4	79.5 8 _ 5	79. 33.5	79.5 80.5	79.2
≥ 4500 ≥ 4000		65.5	76. 77.9	77.3 78.9	7₹.5 8€.5	79.5	79.9 81.0	79.9 81.0	83.1 81.1	80.4 91.4	87.5 61.6	8:•5 81•6	63.7 61.7	80.7 81.7	89.7	કું.ક 81.9
≥ 3500 ≥ 3000		67.5	76.9 80.1	79.0 00.7	21.5 33.2	31.6 23.2	52.P	32.0 33.7	32.7 83.4	82.5 84.1	82.6 84.0	32.6 84.2	52.8 84.4	82.8 84.4	82.6 64.5	52.9 84.7
≥ 2500 ≥ 2000		71.J	82.6 83.5	37 • 9	85.4 37.4	55.4 28.1	36.0 39.5	56.0 89.5	85.2	96 • 5 89 • 9	-	86.6 90.0	86.9 90.2	86 • 8 90 • 2	\$6.9 90.3	87.1 95.5
≥ 1800 ≥ 1500		71.5		4 6	37.4 89.3	28.1 93	89.5 21.4	89.5 91.4	89.6 91.5		-	90.0 92.0	90.2 92.1	90.2 92.1	90.3 92.3	92.4
≥ 1200 ≥ 1000		73.3		36.8 87.2	- 1	91.5 92.1	92.9	93.2 94.1	93.5			7 - 1	94.1 95.1	94.1 95.1	94.4	94.5 95.5
≥ 900 ≥ 800		73.8	85.9 86.9	37.8 87.8	90.1 90.3	73.2	94.5	95.1 95.2	95.5 95.7		96.0 96.1	95.1 96.1	96.1 96.3		96.4 96.6	96.5
≥ 700 ≥ 600		74.3	87.1 87.1	58.1 98.1	92 <b>.7</b> 92 <b>.7</b>	93.6	95 • 1 95 • 1	96.0 96.0	96.4 96.4			96.9	97.0 97.0	97.5 97.6	97.3 97.3	97.5
≥ 500 ≥ 400		74.0 74.1	87.1 87.2	43.1 98.3	92 <b>.7</b> 92 <b>.9</b>	93.8 93.9		96 • 1 96 • 4	96.7 97.	97.0 97.3	97.2 97.5		97.3 97.6			97.8 98.1
≥ 300 ≥ 200		74.1 74.1	67.0 87.2	98 <b>•3</b> 83•3	92.9	93.9		96.4 96.4	97.0 97.0	97.5 97.5	97.8 97.8		98.4 98.4	98.5 98.5	99.1 99.1	99.6
≥ 100 ≥ 0		74.1	87 • 2 87 • 2	96.3 88.3		93.9 93.9	95.5 95.5	96.4	97.1	97.5 97.5	97.9 97.8		98.4 95.4		99.1	09.5

TOTAL NUMBER OF OBSERVATIONS....

6.7

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JELHAL CLIMATOLOGY BRANCH CLAFETAC 411 WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

73 CON-NI -ANGE KO

63-70,73-79

WOMIN

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 30-140 C

CEILING							VIS	BILITY -ST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.2	≥1%	≥1	≥ ¼	≥ 1/8	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		53.00 04.00	56.5 60.9	56 • 8 59 • 2	-8.2 7.6		59.2 70.6	58.2 70.6	55.2 73.6	53.3 70.8		58.3 70.8		58.3 70.8	58.3	
≥ 18000 ≥ 16000		ο5.5 65.8	7 . 7	71.3 71.3	71.7	71.7	71.7 71.8	71.7	71.7	71.0	71.8	71.8	71.8	71.3 72.0	71.6	71.0
≥ 14000 ≥ 12000		67.1	71.2	71.5	73.	75.7	73.	73.3 74.7	77.	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000 ≥ 9000		71.3	76.01	76.4	7 € • 1	78.1 75.1	78.1	78.3 78.3	78.3	78.4	78.4	78.4	79.4	78.4	78.4 78.4	78.4
≥ 8000 ≥ 7000	-	75		76.9 30.1	€ . 6	89.6	30.6	20.7	80.7 e2.1	80.9	80.9	81.9		67.9	80.9	80.9
≥ 6000 ≥ 5000		75.3		50.7	82.5	52.5	82.5	32.7 83.9	32.7	82.8	32.5 84.1	82.8	62.8	82.8 84.1		84.1
≥ 4500 ≥ 4000		77.2		3.1	F 3 . 9	33.9	83.0	84.1 85.5	54 · 1 35 · 5	84.2	84.2	84.2	04.2	84.2		34.2
≥ 3500 ≥ 3000		79.3	84.1	34.7	86.5	86.5	86.5	36.7 88.8	86.7 68.8	86.3		86.8 89.5	86.8	36.8 89.0		36.3
≥ 2500 ≥ 2000		81.9	87.4	37.7		89.7	39.7 94.0	89.9 94.2			90.0	90.0	90.0	90 . C 94 . S	96.0 94.5	99.0
≥ 1800 ≥ 1500		24.1	9 8	91.6	93.6		94.0	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200 ≥ 1000		54.4	91.	91.9	94.9	94.9	95.6	95.7	95.9	96.	96.	96.€	96.0	96.0 96.9	96.7 95.9	96 • C
≥ 900 ≥ 800		3.6	9 7 . 3	03.3	96.5 96.5	76.6 76.5	97.2	97.4	97.5	97.7	97.7	97.7 97.9	97.7	97.7	97.7	97.7
≥ 700 ≥ 600		35.6	92.3	97.4	96.5	96.6	97.4 97.5	97.5	97.7	97.9	97.9	97.9	97.9	97.9 98.0		97.9
≥ 500 ≥ 400		85.3	92.6	93.7	97.1	97.2	98.0	98.2	98.3	98.5	98.5 99.1	98.5 99.1	98.5	98.5	98.5	08.5
≥ 300 ≥ 200		85.8		93.7	97.1	97.2	98.0	98.6	98.8	99.1	99.1	99.1	99.7	99.7	99.8	99.8
≥ 100 ≥ 0		85.8 35.8	92.0	93.7	97.1	27.2	98.0 98.0	98.6 98.6	98.8 98.8	99.1	99.2	99.2	99.8	99.8		150.C

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC HULGA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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THE CLITHATCLOUS STANCH CONTROLS SERVICEZYAC

### CEILING VERSUS VISIBILITY

63-70,75-79 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (\$1

CEILING		_			-		VIS	BILITY ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	≥1%	≥1	≥ 1/4	≥ 3/8	≥ 7	≥ 5 16	≥ ₄	≥0
NO CEILING ≥ 20000		55.1 55.1	55.4 68.7	5± • 7			57.8 69.8	57.8 69.8	57.8 69.8	57.3 59.8	57.8 69.8			57.8 <b>69.</b> 8		57.6 69.5
≥ 18000 ≥ 16000		67.7	69.1 69.1	59.5 69.6	7 .7	i		70.7 70.7	70 • 7 70 • 7	70 • 7 76 • 7	70•7 70•7	70.7 70.7	70•7 70•7	1	70.7 70.7	70.7
≥ 14000 ≥ 12000		5°•1	7:.5	71.3 73.5	72.1 74.5	72.1 74.5	72.1 74.5	72 • 1 74 • 5	72.1 74.5	72.1 74.5	72 • 1 74 • 5	72.1 74.5		72 • 1 74 • 5	72.1 74.5	1
≥ 10000 ≥ 9000		74.3 75.1	75.0 70.6	75 • 4 77 • 1	77 <b>.7</b>	77.7 78.4	77.7 75.4	77.7 79.4	77.7 78.4	77.7 78.4	77.7 78.4		77.7 78.4	77.7 78.4		
≥ 8000 ≥ 7000		70.5 86.3	80.1 82.2	30.6 92.7		51.5 83.9	61.8 33.9	81.8 83.9		51.8 83.9	81.9 83.9	31.E 83.9	81.8	81.6 83.9		91.8 83.9
≥ 6000 ≥ 5000		-1.5	63.2 84.1	ત3.8 34.6	85.0 85.9	35.0 95.9	85.0	85.0 85.9	35.0 85.9	85.0 85.9	85•≒ £5•9	85.5 85.9	85.7 85.9	65.7 85.7	85.0 85.9	55.0 85.0
≥ 4500 ≥ 4000		32.2 83.2	84.5 85.9	55.3 36.6	36.2 87.8		크6 • 2 37 • 8	86.2 87.8		86.2 37.8	86.2 87.8	35.2 87.8	86.2 87.8	86.2 87.8	66.2 87.8	80.2 87.8
≥ 3500 ≥ 3000		33.4 35.9	86.4 89.5		88.7 91.1	98.7	89.7 91.1	88.7 51.1	88.7	88.7 91.1	88.7 91.1	88.7 91.1	89.7 91.1	58.7 91.1	38.7 91.1	
≥ 2500 ≥ 2000		70.4 37.3		1	92.1 94.2	62.3 94.4	92.3 94.6	92.3	92.3 94.9	92.3	92.3 94.9	92.3	92.3 94.9	92.3 94.9	92.3 94.9	
≥ 1800 ≥ 1500		-7.4 -7.8		92.5	94.4 95.3	94.6 95.5		94.8 95.8	95 • 1 96 • 3	95.1 96.3	95.1 96.3	95.1 96.3	95.1 96.3	95.1 96.3	95.1 96.3	95.1 96.3
≥ 1200 ≥ 1000		કઠે•1 ત્રષ્ટ•ા	91.4 92.1	92.8 93.2	95.6	95.8 95.3	96.2 96.7	96.2 96.7	96.7 97.2	96.7	96.7 97.2	96.7	96.7 97.2	96.7 97.2	96.7 97.2	96.7 97.2
≥ 900 ≥ 800		88.3 68.5	92.3 92.5	93.5 93.7	95.5 96.7	96.7 96.9	97.0 97.2	97.0 97.4		97.6 97.9				97.6 98.1	97.6 98.1	97.6 98.1
≥ 700 ≥ 600		98.5 88.5	92.5 92.5	93.7 93.7	96.7 96.7	96 <b>.9</b>		97.4 97.6	97.9 98.1		97.9 98.1	97.9 98.1	98.1 98.3	98.1 98.3	98 • 1 98 • 3	98.1 98.3
≥ 500 ≥ 400		35.5 89.0	92.5	93.7	96.7 97.2			98.1 98.6	99.1		98.6 99.1	98.6 99.1	98.8 99.3	98.8 99.3	98 • 8 99 • 3	. 1
≥ 300 ≥ 200		89.3 59.0	93.0 93.0	94.2 94.2	91.2 97.2			98.6 98.6		99.1 99.1	99.1 99.1	99.1	99.3 99.7	99.3 9 <b>9.</b> 7	99.3 99.8	99.5 170.2
≥ 100 ≥ 0		89.J	93.3 93.0	94.2		97.4 97.4	98.4 98.4	98 <b>.6</b> 98 <b>.6</b>	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.7 99.7	99.7 99.7		100.0 100.0

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CETHAL CLIMATOLOGY FRANCH USAFSTAC ATH WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

4 \_ 73 KOON-NI FANGE KO

68-70,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			·	•			VIS	BILITY (ST.	ATUTE MIL	ES:			•			
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	د, ا ≷	≥11/4	≥1	≥ 1/2	5 2.0	≥ :	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000		49.1 50.7	54.7 64.8	54.5 65.2	56.3 67.6	56.9 67.7	57. 67.8	57.1 68.0	57.3 63.1	57.4 66.2		57.5 68.3	57.5 68.4	57.5 68.4	57.5 59.4	1
≥ 18000 ≥ 16000		59.6		56.2 65.2	6:.6 6:.7	53.7 65.8	68.8 68.9	69.0 69.J	69.1	69.2 69.3		69.3 69.4	69.4 69.5		69.4 69.5	
≥ 14000 ≥ 12000		61.7	66.9 62.1	57.2 68.5	60.7 71.0	69.8 71.1	59.9 71.2	70.5 71.3	70.1 71.5	70.3 71.6		70.4 71.7	71.5 71.8	70.5 71.8	71.5 71.5	76.6 71.9
≥ 10000 ≥ 9000		34.2 64.6		71.5 71.9	74.1 74.7	74.2 74.3	74.3 74.9	74.5 75.1	74.6 75.2	74.7 75.3		74 • 8 75 • 4	74.9 75.5	74.9 75.5	74.9 75.5	75.0 75.6
≥ 8000 ≥ 7000		67.5 68.5		75. 76.5	77.9 79.4	78.U 79.5	78.2 79.8	78.3 79.9	78.5 30.1	78.6 86.2	78.7 85.3	78.7 80.3	78.8 50.4	78.5 30.4	78.2 00.4	73.9 80.5
≥ 6000 ≥ 5000		59.4 75.5	76.1 77.9	77.0 78.3	97.0 81.3	91.1 31.4	50.3 c1.6		80.7 82.0	85.8 82.1	87.9 8 <b>2.</b> 2	8:.9 92.2	61.3	51. 82.3	31.7 32.3	62.4
≥ 4500 ≥ 4000		70.7 71.7	73.2 79.4	73.6 79.9	81.5 82.9	81.6 82.0	31.9 33.2	82.1 83.4	52•? 3 <b>3•</b> 6	82.4 83.7	62.4 83.7	82.5 83.5	52.6 52.9	82.5 83.9	57.5 83.9	52.7 84.0
≥ 3500 ≥ 3000		72.6 74.6	30.9 82.9	30.9 33.1	34.1 36.3	84.2 36.4	86.6	84.6 86.8	34.8 87.1	84.9 37.1	84.9 87.2	85.1 87.2	85.1 87.3	85.1 57.3	85.1 87.3	85.2 87.5
≥ 2500 ≥ 2000		75.7 76.7	83.8 85.7	35.9	37.7 89.9	87.9 93.4	38.7 91.2	38.3 91.4	88.5 91.7	88.6 91.8		88.7 91.9	88.8 92.0	88.8 92.0	88.9 92.3	89.0 92.2
≥ 1800 ≥ 1500		76.3 77.4	85.2	46.0 26.7	90.0 91.2	91.5	91.3		91.E 93.3	91.9 93.4		92.7 93.5	92.1 93.6	92.1 93.6	92•1 93•6	92.3 93.8
≥ 1200 ≥ 1000		77.8 73.1	86.8 87.	87.7 38.2	92.6	92.6 93.2	93.7 94.3	94.J	94.4 95.2	94.5 95.3	-	94.6 95.4	94.7 95.5	94.7 95.5	94 • 8 95 • 6	94.9 95.7
≥ 900 ≥ 800		78.5 73.5	87.9	88•9 89•0	93.4 93.6	54.0 94.2	95.2 95.4	95.6 95.9	96.1 96.3	96.2 96.5		96 • 3 95 • 6	96.4 96.7	96.4 96.7	96.5 96.9	96.6 97.5
≥ 700 ≥ 600		76.6 78.6	57.3 87.9	89.1 39.1	93.8	94.4	95.6 95.6	96 • 1 96 • 2	96.6 96.6	96.7 96.8			97.0		97.1 97.1	97.3 97.3
≥ 500 ≥ 400		78.7 76.9	88 • d 88 • J	89•5	94.0	94.9	96.0 96.3	96.5 97.0	97.1 97.6	97.3 97.8	97.9	97.4 97.9	97.6 98.1	97.6 98.1	97.7 98.2	98.5 98.5
≥ 300 ≥ 200		78.9 78.9	88.3	89.5 39.5	94.2	94.9	96.3	97.0 97.0		97.9 97.9	98.0	98.0 98.1	98.5 98.6		98.8 99.0	99.3
≥ 100 ≥ 0		78.9 73.9		89•5 89•5	94.2	94.9	96.3 96.3	97.0 97.0		97.9 97.9		98 • 1 98 • 1	98.6 98.6		99.0	99.9 10u.C

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

COLLAC CLIMATOLOGY PRANCH CALLAC ACCURACY SANCOLOGY PRANCH CLIMATOLOGY

#### CEILING VERSUS VISIBILITY

TATION STATION STATION NAME

5:-7( , 73-79 YEARS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 6 2 0 - C 8 5 2

CEILING							VIS	BILITY STA	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥27	≥ 2	≥1.7	≥1%	≥1	≥ ¾	≥ 3/0	≥ 5	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000		30.4 45.3	46.7 54.6	46.8 54.5	3.7 <b>.9</b> 5.7.8	50.9 5a.8	ეე•9 58•9	50.9 58.8	50.4 58.5	50.9 58.8	50.0 58.8	50.5 58.8	-		53.9 53.8	50
≥ 18000 ≥ 16000		46.4 47.1	5°•5	55.5 55.8	5 7 . 8 6 . 1	59.8	59.8 50.1	59.8 60.1	50 50.1	59.3 60.1	59.A	59.8 63.1	59.8 61.1	59.8 60.1	59.8 60.1	55.6 60.1
≥ 14000 ≥ 12000		43.0 53.0	57.5	57.3 57.6	61.6	61.5	01.6 03.9	61.6 53.9	63.5		61.6 63.9	61.6 63.9			61.6 63.9	61.6
≥ 10000 ≥ 9000		54.u	61.7	54.2 55.5	6 · • 5	53.8 70.6	68.9 73.6	68.8 70.6	68 • F	68.8 74.6		68.8 75.6	68.8 70.6	68.8 70.5	68.8	68.8
≥ 8000 ≥ 7000		50.5 56.5	67.3	67.3 67.5	72.1	72.4	72.4	72.4	72.4		72.4	72.4	72.4	72.4	72.4	72.4 72.0
≥ 6000 ≥ 5000		57.8	6.3	65.5 70.8	73.4	73.9		73.9 76.5	73.3	73.9 76.7	73.9 76.7	73.9	73.9	73. v 76. 7	73.9 76.7	73.9 76.7
≥ 4500 ≥ 4000		54.3	71.1	71.1		78.8	76.7	76.7	76.7	77.0 79.3	77.6	77.0	77.0	77.0	77.5	77.0
≥ 3500 ≥ 3000		-1.1	72.	77.9	75.F	79.0		79.5	79.5 91.	79.8 82.1	79.8			79.8 52.1	79.9	79.5
≥ 2500 ≥ 2000		63.2	76. 75.7	76.2	82.4	23.6 85.7		34.4	34.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800 ≥ 1500		53.7	76.7		34.7	55.9	86.7	37.0	87.1	67.5	67.5	87.5 90.3	67.5	87.5	37.5	67.5
≥ 1200 ≥ 1000		:6.5 66.8	8 1		δε.7 9°•0	70.7 71.3	9 . 6	91.3	91.	91.8	91.8	91.8	91.8	91.5	91.8 93.4	91.8
≥ 900 ≥ 800		60.8 67.3	81.0	82.1	90.3	92.5	92.3	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700 ≥ 600		67.3	81.3	73.1 33.6	\$1.3 91.8	92.8	93.6	94.4	94.4	94.9		94.9	94.9	94.9	94.9	94.9
≥ 500 ≥ 400		67.5		32.9	92.3	73.9	94.6	95.4	95.4	95.9	95.9	96.2	96.2	96.2	96.2 98.0	
≥ 300 ≥ 200		67.4	82.4		92.6	94.1	95.4	96.4 96.4	96.9	97.4		98.2 98.2	98.2	¢8.5	98.5 98.5	99.0
≥ 100 ≥ 0		67.5	87.4	14.1	92.6	94.1	95.4	96.4	96.9	97.4	98.	98.2 98.2	98.2	98.5	98.5 98.5	170.5

USAF ETAC JULIAN 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

E NAC CETMATCEDEY BRANCH COMPOTAC FOR ATHOR SERVICEZMAC

13 K. C.N.-N.I. PANGE KO STATION NAME

#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9(10-1100 HOURS (\$1

CEILING							VIS	BILITY :ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1/2	≥1.	≥1	≥ '*	≥ '⁄8	≥ :	≥ 5 16	2.	≥0
O CEIUNG ≥ 20000		45.6 50.6	54.3 63.3	54.5 53.4	63.9	54.9		54.9 63.9	54.0	54.9 63.9	54.4 63.5	54.9	35.1	55.1 64.0	55.1	€5.1 64.
≥ -8000 ≥ 16000		57.3 57.4	63.°	64 . 1 64 . 2	54.7	64.5 54.7			64.5	64.5	64.5	64.5	54.7 64.3	64.7 64.8	64.7	54.7
≥ 14000 ≥ 12000		50. 51.3	64.7 67.7	64 • 8 67 • 9	55.3 69.4	55.3 53.4	65.3	65.3 68.4		65.3	65.7	65.3	65.4	65.4	65.4	65.4 68.5
≥ 10000 ≥ 9000		63.9 64.4	71.9	7 c • 1 7 2 • 5	77.5	72.5 73.1	72.5 73.1	72.5 73.1	72.5	72.5 73.1		72.5 73.1	72.7	72.7	72.7	72.7
≥ 8000 ≥ 7000		56.d 67.5	74.7	75 • 3 76 • 1	75.9 76.7	75.9 76.7	75.9 76.7	75.9 76.7	75.9 76.7	75.9 76.7		75.9	76.1 76.9	76.1 76.9	76.1 76.3	76.1
2 6000 2 5000		63.2 95.1	76.1 77.2	76.7 73.1	77.6 79.2	77.6 79.2	77.6	77.6 79.2		77.6 79.3	- 1	77.E	77.8 79.5	77.8 79.5	77.8	77.5
± 4500 ± 4000		59.6 70.7	77.1. 72.7	7: • 5 19 • 8	7°.6 81.2	79.6 31.2	79.6 31.5	79.6 31.5	79.6 81.5	79.8 81.6	I	79.8	79.9 51.8	79.9 81.8	77.9 31.d	79.9
2 3500 2 3000		71•8 72•5	70.8 87	50.9 82.1	80.3 33.8	22.3 34.3	82.7 84.9	82.7 84.9	82.7 94.9	82.9 85.0	1	2.9 85.0	65.2	€3. ê5.2	93.0 65.2	33.0 85.2
≥ 2500 ≥ 2000		73.6 74.5	31.0 33.0	3.5 85.0	55.2 86.9	95.3	ರ <b>6.4</b> 38.1	86.4 88.1	86.4 88.1	85 • € 85 • 3	85.6 88.3	86.6 88.3	86.7 88.4	66.7 58.4	86.7 68.4	86.7 93.4
≥ 1800 ≥ 1500		74.7 75.3	84. 85.2	95.3 96.5	27.2 89.4	77.3 29.5		86.6 91.2	88.6 91.2	35.7 91.5	88.7 91.5	88.7 91.5	88.9 91.7	98.9 91.7	35.9 91.7	
≥ 1200 ≥ 1000		75.4 70.5	87.0	37.8 38.4	99.7	°3.9	92.4 94.3	92.6 94.4	92.6 94.4	92.9 94.8		92.9	93.1 94.9	93.1 94.9	93.1 94.9	94.9
≥ 900 ≥ 800		76.5 76.7	87.7	23.4 38.6	92.4 92.7	92 <b>.7</b> 93 <b>.1</b>	94.5	94.9	94.4 94.9	94.8	94.8 95.2	94.8 95.2	94.9 95.4	94.9 95.4	94.5 95.4	94.9
≥ 700 ≥ 600		76.9	87.3	38.7 89.8	94.1	93.2	94.8 96.1	95.2 96.6	95.2 96.6		95.5 97.1	95.5 97.1	95.7 97.2	95.7 97.2	95.7 97.2	95.7 97.2
≥ 500 ≥ 400		77.9	89.7	90.3 90.4	94.8	95.2 95.4	97.2 97.4	97.7 97.8	97.7 97.8		98 • 1 98 • 3	96.1 98.3	98.5 98.8	98.5 98.8	98.5 98.3	98 • 5 98 • 5
≥ 300 ≥ 200		77.9	88.9	90.4	94.9	75.4 95.4	97.7	98.3	98.3		99.1	99.1	99.5 99.5	99.5 99.5	99.5	
≥ 100 ≥ 0		77.9 77.9	88.9 88.9	90.4	94.9	95.4 95.4	97.7	98.3	98.3 98.3	98.3 98.3	99.1	99.1	99.5	99.5	99.8	

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

OUTCOME CETAINOUNCE COATON (TATO) FORTHER SERVICEZMAC

### CEILING VERSUS VISIBILITY

# STATION STATION NAME OF OCCUPANCE OF OCCUPANCE

1235-1435 Hours 151

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MILI	ESi						
-FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2.7	≥ 2	≥11⁄2	≥1%	≥1	≥ 1,4	≥ %	≥ ′2	≥ 5 16	≥ .	≥0
NO CEILING		58.1	50	58.9	_G . 4	50.4	59.4	59.6	59.0	59.6	39.5	50.5	5°.6	59.5	39.6	*****
≥ 20000		65.0	: و د ع	6: 7	67.4	69.4	67.4	69.6	69.6	69.6	69.0	60.€	69.6	69.6	69.6	59.6
≥ 18000		66.0	63.7	50.8	69.6	69.6	49.6	69.7	09.7	69.7	69.7	69.7	50.7	69.7	54.7	44.7
≥ 16000		66.1	€ . 7	50.8	69.6			€9.7	59.7	69.7	49.7	69.7	_	69.7		69.7
≥ 14000 ≥ 12000		66.9	69.5	69.7	7 '•5	7.1.5	7 ∵ • 5	70.7	7~.7	75.7	70.7	70.7		7C•7	70.7	77
		71.2		74.1	74.9		75.1	75.2	75.4		75.5	75.5			75.5	
≥ 10000		73.6	77.3	77.4	73.2	78.4	78.4	78.5	78.7	78.7	78.2	78 . 8		78.2	75.9	76.3
\- <del></del>		75.2	78.7		79.6	79.8	79 €	79.9	6. • 1	2 .1	o C • 3	80.0			3 و ت	5 3
≥ 8000 ≥ 7000		76.8	87.0	M 2 • 9	ε ? • 7	32.1	32.1	- 2 • 3	12.4	22.4	82.6	92.6		82.€	82.6	-2.t
		77.3		31.5	82.6		82.5	82.9		83.1	83.2	83.2	53.2	£3• <u> </u>	:3.2	53.2
≥ 6000 ≥ 5000		7:.7	82.4	P 2 • 9	34.0	34.2	34.2	94.3	44.5	84.5	84.6	84.6		84.6	:4.5	4 • 5
<u> </u>		5	84.3	34.8	<u> </u>	36.1	85.1	86.2	<u> ६€•4</u>	86.4	86.5			96.5	<u>66.5</u>	86.5
≥ 4500 ≥ 4000		30.7	84.5	15 . U	85.1	36.2	35.2	86.4	36.5	86.5	86.7	36.7	65.7	56.7	86.7	86.7
<b></b>		72.0	25.7	2 . 2	97.5	<u>7•6</u>		87.8	87.9	87.9	58.1	88.1	<u> 58.1</u>	- B • i	58.1	€6.1
≥ 3500 ≥ 3000		53.6		55.8	38.6	88.7	83.7	98.9	89.0	୧୧∙ୁ	80.2		89.2	89.2	39.2	89.2
<u> </u>		53.9	_		9 .4	2.06		91.1	91.2	91.2	51.4		91.4		91.4	
≥ 2500 > 2000		75 • i	88.9	1	92.3	92.5	92.8	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	
		35.9			93.3	63.4				94.0	94.2	94.2			94.2	
≥ 1800 ≥ 1500		cel	89.8	- 1	93.4	93.6	7 1	94.	94.2	94.2	94.4	94.4	94.4	94.4	94.4	
		20.7	97.7		95.6	95.3		96.2							96.6	
≥ 1200		37.3	91.3	71.3	95.9	96.1	96.4	96.6	96.7	96.7	96.9			96.9	96.9	
		R 7 • 1		92.0	96.2	96.7		97.2								
≥ 900 ≥ 800		57.1	1		96.2	98.7	97.0	97.2	- 1		97.5			97.5	97.5	, , , ,
<del>+</del>		97.1		-	96.2		97.3						97.8			
≥ 700 ≥ 600		₹7.6		92.6	96.9	97.3		98.1	98.3						98.4	1 1
		38.1		93.1	97.6			98.9					99.2		99.2	
≥ 500 ≥ 400		08.1	1 1	23.3	97.8	96.3	93.9	99.1	99.2	_	99.4				99.5	
<b></b>		- 3 . 1		73.3	97.8	98.3		99.1	99.2		99.4	99.5	99.5		99.5	
≥ 300 ≥ 200		38.1		73.3	97.8	98.3	98.9	99.2	99.4		99.7			99.8	99.8	
		38.1		73.3	97.8			99.2								99.5
≥ 100 ≥ 0		58.1		93.3	97.8			99.2		99.5	- ;		100.0			
<u> </u>		5,8 . 1	97.5	93.3	97.8	98.3	<b>्रह</b> ुव	99.2	99.4	99.5	99.7	99.8	130.C	<u>I 30 • ∪</u>	100.0	<u> 100.0</u>

TOTAL NUMBER OF OBSERVATIONS

63

USAF ETAC TOLIC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

TECHAL CLIMATOLISM BRANCH 1.34FETAC ATE WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

2.3 KOCN-NI FRINCE KO

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS 157

CEILING							VIS	HBILITY (ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥11/2	≥1 4	≥1	د' ≤	ور ≤	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		(1, 6) = 3 - 2	62.7	63.1 73.3		63.3 74.4	53.3	63.3	53.₹ 74.4	63.5		63.5	63.5 74.8		53.5 74.9	63.6 74.8
≥ 18000 ≥ 16000		72.4	73.7	74.	74.6	74.6	74.5	74.6	74.6	74.8	74.8	74.8	75.0	75.€	75.0	75.0
≥ 14000 ≥ 12000		73.7 77.0	75. 75.3	?5.3	75.0	75.9 79.2	75.9 79.2	75.9	75.9	76.1 79.4	76.1	70.1	76.3 79.6	76.3	76 • 7 79 • 5	76.3
≥ 10000 ≥ 9000		5:.5 *1.6	82.5	44.3	83.5	33.5	34.8		53.5 84.8	£3.7		83.7		B3.4	33.9 85.2	53.9
≥ 8000 ≥ 7000		92.9	84.0		36.6	30.6	86.6	26 • 6	36.F	96.4 96.3	86.9	66.3 86.5	27.	57.0 67.0	37.5 57.5	67.5 37.
≥ 6000 ≥ 5000		23.7	85.3	37.4	27.4	7.4	97.4	87.4	-7.4	57.6 95.9	87.6	87.6 91.1	37.8 91.3	£7.5	57.8 91.3	
≥ 4500 ≥ 4000		87.5 67.4	98.7 89.1	89.6	5 . 7	90.9	91.9			91.1	91.1	91.3	91.5	91.5	91.5	
≥ 3500 ≥ 3000		27.9	89.4	9 . 5		91.8	92.0	92.0	92.E	92.2	92.4		92.8		92.8	92.2
≥ 2500 ≥ 2000		89.8 95.7	91.7	93.7	93.9		94.4	94.4	94.4	94.6	94.8	95.0		95.2	95.2	95.2
≥ 1800 ≥ 1500		40.7 43.9	92.6	94.6	95.0	96.1	95.0 97.2	95.9		96.1	96.3	96.5		96.7		
≥ 1200 ≥ 1000		97.9	93.3	94.0	95.9	96 • 1 36 • 7	97.2	97.4	97.4	97.6 96.3	97.8	98.0	98.1	98.1	98.1	98.1 99.1
≥ 900 ≥ 800		91.5	93.9	95.2	96.5	76.7	98.0	98.1	98.1	98.3	98.7	98.9	99.1	99.1	99.1	99.i
≥ 700 ≥ 600		91.5	93.5		96.5	96.8	98.0	98.1	98.1	98.3	98.7	98.9		09.1	99.1	79.1
≥ 500 ≥ 400		01.5	94.1	95.4 95.4	96.7	96.8 95.8	98.7	98.9 98.9	98.9	99.1	99.4	99.6	09.8		99.5	99.5
≥ 300 ≥ 200		91.5	94.1	95.4	96.7	96.8	98.7	98.9		99.1	99.4	99.6	99.8	99.8	99.8	99.8
≥ 100 ≥ 0		91.5	94.1		96.7	76.8 76.8	98.7 98.7	98.9 98.9	98.9 98.9					100.0 100.0		

TOTAL NUMBER OF OBSERVATIONS\_\_\_

THE TREE STATE OF THE STATE OF

### CEILING VERSUS VISIBILITY

NOR N. CIS-WE ANSE NO

4 -71,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS IS!

CEILING							VIS	IBILITY -ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 >	≥ 2	≥1 %	≥1%	≥1	≥ ¼	≥ %	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		ol.1	56.7 35.7	57.5	57.5 67.1	57.5	57.5 57.1	57.6 67.2	57.4 67.2	57.5 67.2	57.6 67.2	57.5 67.2	57.7 67.3	57.7 67.3	57.7	67.3
≥ 18000 ≥ 16000		7	600 ) 650)	20 • 3	67.6	37.6 57.7		67.5	67.6	67.5	67.7 67.2	67.7	67.8	67.8	57.8 57.9	67.6
≥ 14000 ≥ 12000		2.07	67.3 70.7	#7.5	60.7 72.1	56.7 72.2		66.8 72.2	69.0 12.2	66.8 72.3	67.5 72.3	6: .3	ნი.9	58.7	58.9 72.4	72.4
≥ 10000 ≥ 9000		59.1	74.4	75.9	76 • 1 77 • 3	75.2 77.4		76.3	76.3	75.4	76.4 77.5	76.4	75.5	76.5	75.5 77.7	76.5 77.7
≥ 8000 ≥ 7000		71.2	77.5 77.9	77.3 73.4	7 % 6 8 • 1	79.7 20.2	79.7 e3.2	79.7 83.2	79.8 80.3	79.3	74.0 80.4	79.9 86.4	8 ° 0	30. 80.5	80.5 83.5	
≥ 6000 ≥ 5000		75.1 75.1	74.÷ 85.°	79.4 31.3	51 • 1 33 • 3	11.2 23.5	33.5	81.3 53.5	51.3 23.6	91.4	31.4 83.7	81.4 93.5	31.5	81.5	51.5 53.9	41.5
≥ 4500 ≥ 4000		75.3	51.1 97.1	11.5	33.5 84.8	3.0 5.1	:3.8 35.2	93.8 85.2	33.8 85.3	84.7 85.4	85.5	90.1 85.5	ац. ? аб. 6	54.2 c5.6	54.2 85.6	:4.,
≥ 3500 ≥ 3000		76.9	3	95.5 34.d	55.6 87.1	.5 • 9 -7 • 5	85.1 an.	86.2 88.1	86.2	86.4 88.3	86.5 58.4	8ú•5 8ö•4	86.6 88.5	36.6	55.6 58.5	60.6 00.
≥ 2500 ≥ 2000		79.6	54.3 86.7	-5.1 77.2	88.9 90.3	89.2	80.8 31.2	89.9 ∀1.3	89.4	9. 1	91.7	91.7	90.3 91.8	90.3	90.7 91.3	99.3 71.5
≥ 1800 ≥ 1500		70.6	90.00 57.7	47.4 38.7	9: 4	70 • 5 32 • 7	91.5	21.7 23.9	91.7	91.9	92.7	92.3	92.1		92.1	92.1
≥ 1200 ≥ 1000		>1.2 -1.5	84.4 €1.4	49.4 19.9	93.1 94.1	°3.5	94.4	94.7 95.8	94.7	96.1	95.0 96.3	95.1 96.3	95.2 96.4	95.2 96.4	95.2	25.2
≥ 900 ≥ 800		-1.5	8°•1	90 • C	54.1	24.0		96.3	95.9	96.5	96.3	96.3	96.4 96.3	96.4	96.4	96.4
≥ 700 ≥ 600		31.3 82.1	89.8	00.4	94.6	75.2 95.9		96.6 97.4	96.7	96.9	97.5	97.1	97.2	97.2 98.0	97.2 98.0	97.0
≥ 500 ≥ 400		4 : • 3 A ? • :	87.	91.2 91.3	75.7 95.8	⇒6.3 96.3	97.6	98.C	98.2	98.3 90.5		98.9	93.7	98.7	98.7	98.1
≥ 300 ≥ 200		92.3 32.3	9	01.3 01.3	95.8 95.8	96.3	97.9	98•4 98•4	98.5 98.5	98.8 98.8	99.1 99.1	99.3	99.5	99.5	99.5	99.5
≥ 100 ≥ 0		32 <b>.3</b>	91.	91.3	95.8	95.3 96.3	97.9 97.9	98.4 98.4	98.5 99.5	98.8 98.8	99.1	99.3	99.5	99.0 99.€	99.7	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 22.3

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

TO TAL CERMATOLOGY PHANCH FORE TAC FOREATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

ACCN-NT ANCE AT

(3-70,73-72

5602- 505

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥?	≥1.2	≥1.	≥1	≥ :.	≥ ′•	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		27.4	2 • 7 3 7 • €	30.5 32.8	30.5	34.3	34.9 44.4	34.8	34.5	35.0 44.7	35.0 44.7	34.7	35.4	35. 44.7	35.	7500
≥ 18000 ≥ 16000		7.7.3	37.5	79.3 59.6	44.7	44.7	44.9 45.2	44.9	44.9	45.4	45.4	45.4	45.2 45.4	45.2 45.4	45.2 45.4	45.2
≥ 14000 ≥ 12000		2 . 4	32.J	9 • 1 4 • 6	45.2 45.2	45.4	46.2 47.2	40.2	46.2	40.4	46.4	46.4	45.4	46.4	40.4	46.4
≥ 10000 ≥ 9000		70	40.0 41.5	47.6 45.4	42.5	45.7	49.5 50.3	49.5 50.3	49.5 50.3	49.7 50.5	49.7 20.5	49.7 50.5	49.7 50.5	49.7	49.7 5.7.5	49.7
≥ 8000 ≥ 7000	-	33•t 34•€	45.4 46.2	47•2 35•€	53.0 54.3	53.3 54.6	54 • 1 55 • 3	94.1 95.6	54 • 1 55 • 6	54.3 55.8	54.3 55.0	54.3 55.0	54 • 3 55 • 6	54.3 55.4	54 • 31 55 • 5	34.3 35.8
≥ 6000 ≥ 5000		77.3	47.1	48.7 51.0	55.1 57.4	55.3 57.6	56.1 58.4	56.3 58.5	56.3 58.6	56.6	56.6 58.9	56.8 55.9	55 • 9 5, ' • 9	56.6 58.9	56.5 58.9	55.6 55.9
≥ 4500 ± 4000		77.1	4°.1	51.5 34.1	57.6 61.7			59.1 63.2	59.1 63.2	59.4 63.5	59.4 63.5	59.4 63.5		59.4 63.5	59.4 63.5	
≥ 3500 ≥ 3000		43.4	53.	50.6 58.1	64.2 65.0	54.5 56.2		65.7 67.5	65.7 67.5	66.0 67.8	56. 57.8	66.0 67.8	66.1 07.8	66. 67.5	55.6 07.8	
≥ 2500 ≥ 2000		43.9	57.1 50.1	57.9 62.2	63.8 72.3	59.3 72.8		71.1	71.1 75.0	71.3 75.0		71.5 75.6	71.3 75.6	71.3 75.5	71 • 3 75 • 6	71.3
≥ 1800 ≥ 1500		45.7	59.1	62 • 2 65 • 2	72.3 76.9	72.8 7 <b>7.</b> 4		75.4 86.5	75.4 59.5	75.6 85.7	75.6 62.7		75.6 8u.7	75.5 80.7	75 • 6 87 • 7	
≥ 1200 ≥ 1000		50.4 47.7	62.4	56.3 32.3	78.2 32.2	76.9	81.2 46.3	62.1 87.6	82.6 87.6	82.2 85.1	82.2 88.3	82.2 88.3	82.2 88.3	82.2 68.3	#2•2 88•3	82•3 88•8
≥ 900 ≥ 800		47.7	64.	65.3 6°.5	87.5 83.2	95.3	36.5 38.1	97.8 89.3	87.9 89.6	88.3 91	88•6 90•4	98.6 90.4		38.6 90.4	88.6 90.4	89.1 90.9
≥ 700 ≥ 600	_	4 5 • 0 50 • 3	64.5 67.0	68.5 71.1	৪४ <b>.8</b> ৪५ <b>.5</b>	36.J	88.8 91.6	90 <b>.1</b> 92 <b>.9</b>	90.4 93.1	94.9 93.7	91•1 93•9	91.1 93.9	91.1 93.9	91.1 93.9		01.€
≥ 500 ≥ 400		50.5 50.5	67.8	71.8 71.8	87.8 87.8	90.1 90.4		95.9	96.3	95.7 96.7	95.9 97.2	95.9 97.2	97.5	96.2 97.5	96.2 97.5	96.7 98.0
≥ 300 ≥ 200		50.5	67.8 67.9	72.1 72.1	39.1 89.1	90.6 90.6		96.7	97.5 97.5	98. 95.0	98.5 98.5	96.5 98.5	99.5 99.5	99.0 99.0	99.2 99.2	69.7 99.7
≥ 100 ≥ 0		5 J. 5	67.8	1	83.1 83.1	90.6		96.7 96.7	97.5 97.5		98.5 98.5	98.5 98.5		99.0	99.2	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TO PAL SELECTION PAINS 27-1-27-6- SEAVING 18A

### CEILING VERSUS VISIBILITY

SYANGEN SYANGE WEST STANGEN

(12-75,73-73 WAS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2 7	≥ 2	≥1	≥1.	<b>≵</b> 1	≥ 1,4	≥ %	≥ ∵	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		7 ) • 7 U <u>_</u> • #	4°.	41.1	47.3	- 1	43.3	43.3	43.4	43.3	_	43.5 52.5	43.8 52.8	43.	43.1	15.4
≥ 18000 ≥ 18000		63.5	5	5 . 7	57.1 53.1	3.4	53.4	55.4	5 . 4	F ? . 4		57.7	54.0	- 4 ·	54.0	24 4 .
≥ 14000 ≥ 12000		44.4	51.7	25.0	34.6	54.9 58.8	53.8			56.6	55.0 56.0	5: . :	59.4	5 <b>5.4</b>	55.5	55.5
≥ 10000 ≥ 9000	·	4 - 3	5 1 . 1	5		3.3	53.3	63.3	63.3	63.3 63.9	63.5	63.6	53.0	64.5	,	
≥ 8000 ≥ 7000		51.3	67.5			55.5 05.7	66.5		06.	66.9	68.6	66.2 67.2	67.1	67.1		67.1
≥ 6000 ≥ 5000		51.2	63.	55.5 66.5	59.2 71.1	59.5	60.6		69.6	69.6	69.5			70.2 72.2	77.	
≥ 4500 ≥ 4000		55.4 57.3	66.1	57.1	71.6	71.9	72.5	72.3	72.	72.0	72.0	72.3 74.	77.6		77.6	
≥ 3500 ≥ 3000		58.3 56.3	6°.7	69.3						74.9		75.2	75.5 77.7	75.	75.5	75.5
≥ 2500 ≥ 2000		62.1	72.	74.0	7 : . A	79.1	79.2 23.0	79.4		79.4	79.5	79.7	80.0		80.0	
≥ 1800 ≥ 1500		63.6 55.3		79.1	37.6	3 • 5		₹4.1	54 - 1	54.1 57.4	84.2	34.4	84.7	04.7 58.	34.7	54.7
≥ 1200 ≥ 1000		67.	7.00	30.9	8:.n	i 3 • 7	89.7 92.0	99.9	- 1	93.4	50.4	9.5	S . 8			90.8
≥ 900 ≥ 800		57.5	87.J	12.7	90.4 91.0	21.3 21.9	92.2	92.9	93.5	93.5	93.7	93.3	94 • 1	94.1	94.1	94.1
≥ 700 ≥ 600		63.4	31.4	34.1	91.9 92.9	92.9 94.0	94.1	54.9	1	95.5	95.6	95.6	96 • 1	96 • 1 97 • 1	96.1	75.1
≥ 500 ≥ 400		69.3	82.4 82.4	34.7	94.4	1	97.1 97.3	97.9	98.5	98.5 98.8	96.6	98.8	99.1 99.4	99.1	99.1	99.4
≥ 300 ≥ 200		69.2 59.3	82.6	34 • 8	94.6			98.2	98.9 98.9	99.2	99.4	- 1	99.8 99.8		39.3 09.6	99.5
≥ 100 ≥ 0		69.2 69.2	82.6 82.6	84.8 34.8	94.7	75.9				99.4		- 1		1	130.n 130.n	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STANCH FRANCH

NO CERING ≥ 20000

≥ 18000

≥ 16000

≥ 14000 ≥ 10000 ≥ 9000

≥ 8000 ≥ 7000

≥ 6000 ≥ 5000

≥ 4500 ≥ 4000

≥ 3500 ≥ 3000

≥ 2500 ≥ 2000

≥ 1800 ≥ 1500

≥ 1200 ≥ 1000

≥ 900 ≥ 800

700 ≥

500 400

300

#### CEILING VERSUS VISIBILITY

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

			VIS	IBILITY STA	ATUTE MILI	ES						
≥ 4	≥ 3	≥2 7	≥ 2	≥1 ;	≥1 4	≥1	≥ 14	≥ '•	≥ :	≥ 5 16	≥ .	≥0
45.6		47.		47.C	47.i.	47.0	- 1			47.	47.	47.0
	5 • 5						55.6				59.	
7 • 1	• 1	0 • 4				60.4	: I	63.4	5 . 4	65.4		
5,9 . 7					<u>ບົ•ິ</u>		60.º			60.9		
> • 4	61.3				51.6			61.6	51.6	51.	01.5	
. ₹ • €			65.1			65.1				65.	5.1	6503
67.4	6 - 3	69.6	69.5	69.6	65.€	69.6	69.6	69.6	69.6	69.5	69.6	64.6
65.9	7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
71.5	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	7 7
77.5	74.4	74.7	74.9	74.7	74.9	74.7	74.0	74.9	74.9	74.0	74.0	74.9
74.3	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76 . 7	75.7	
76.0	7 . 1			70.5	78.5	- 1		78.5	75.5		78.5	
7:.7		79.3	79.5	7¢.5	79.5		79.5	77.5	79.5	79.5	79.5	74.
78.4	8 7	31.0	51.1	F1.1	71.1	51.1	51.1	81.1	51.1	81.1	£1.1	21.1
55.4	37.6	73.L	હ3•1	₹3.1	33.1	33.1	33.1	33.1	83.1	53.1	83.1	93.1
[3 • 1]	85.4	5.7	35.4	3 • €	85.8	95.8	85.	85.5	و 6 ء	¿6.	56.	86.
54.c	87.2	7.5	37.7	27.7	67.7	87.7	€7.7	87.7	87.8	87.8	37.3	
87.2	80.8	3 2 . 3	9 6	90.9	07.5	96.9	91.0	91.0	91.2	91.2	91.2	91.2
3coi	91.	-1.5	41.5	22.1	92.1	92.1	32.7	02.2	42.4	92.4	92.5	92.4
89.3	97.4	93.	93.3	93.6	93.6	93.6	93.2		93.9	93.9	53.0	03.9
25.9	94.1	34.7	95.1	95.4	95.4	25.4	95.5	°5.6	95.7	95.7	95.7	95.7
92.2	55.4	ಆ ಕ • 3	<b>⇒7.</b> €	c7.3	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7
72.4	95.6	30.5	97.1	97.4	97.₺	97.6	97.7	97.7	97.9	97.9	97.9	97.c
17.5	95.7	≎6.7	97.3	97.6	97.7	97.7	97.0	97.0	95.0	98.2	98.0	45.
ગર•ઇ	€6.3	÷7.3	97.9	98.2	98.3	98.3	98.5	98.5	98.6	98.6	28.6	خ و ن ۽
77.3	96.8	97.7	98.5				99.1			99.2		99.7
3 + 1		0 11 7		20 (		0.0 3	00.0	0.0	, ,	100		2 5 3

97.2 98.3 99.1 99.5 99.7 99.7 99.9 99.6100.3100.3103.3100.3 97.3 98.3 99.1 99.5 99.7 99.7 99.8 99.6133.0100.0103.7133.3

99.1 99.5 99.7 99.7 99.8 99.8100.0100.0100.0100.0

99.1 99.5 99.7 99.7 99.8 99.8100.0130.0100.0100.0

99.1 99.5 99.7 99.7 99.6 99.31 00.01

TOTAL NUMBER OF OBSERVATIONS

99.6 99.3 60.0 00.0 00.0 00.0

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

≥ 5

5 1.

6 • 4

5 9 • 7

7 . . 7

71.

70.0 73.9 77.5

81.5

76.3 83.4 77.5 35.4

72.4 36.5

79.1 8".7 32.2 5'.7

51.1 90.1 \*1.0 9 ... \*1.4 9t.4

32.5 91.5 62.5 91.8

32.5 91.0 32.5 91.5

91.3

91.6

97.3 98.3

97.3

≥6

5 . 4

-1.

50."

69.3

77.0

81.9

### CEILING VERSUS VISIBILITY

A GN-NE ANDL NO NAME

25-75,13-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 " - 1775 HOURS 151

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥179	≥1%	≥1	≥ ¾	≥ '⁄•	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		45.6 51.1	51. 64.1	11.3 54.1	51.5 65.1	51.5 65.1	31.5 23.1	51.5 65.1	51.5 65.1	51.7 65.3	51.7	51.7 65.3	51.7 65.3	51.7 65.3	51.7 65.3	65.2
≥ 18000		51.6 51.9	64.	54 • 6 64 • 8	65.7 66.9	65.7 65.3			55.7 65.3	65.5 66.0	65•a a6•8	65.5 66.0	ს5.8 გნ.ე	6.6.€ 6.6.€	65.3 66.3	65.7 60.
≥ 14000 ≥ 12000		63. 55.3	56.7 61.7	56.2	67.3 69.7	67.3 69.7		57.3 69.7	69.7		67.4 69.9	67.4 69.9	67.4 69.9	67.4 69.0	67.4 69.7	67.4 59.9
≥ 10000		57.0 69.2	77.4	74.5	75.9	74. 75.9		74 • 2 76 • 1	74.7 76.1	74.3	74 • ? 76 • 3	74.3 76.3	74.3	76.3	74.3 76.3	74.3
≥ 8000 ≥ 7000		71.0 72.2	76.3 77.5	76.3 78.1	7× . 4	78.6	JD . 2	78.3 -5.2	78.3 50.2	75.4	78.9	73.9	73.9	78.9 80.4	78.9 35.5	70.9
≥ 6000 ≥ 5000		73.3 74.7	78.9 80.4	79.5 36.9	41.2 83.2	23.4	93.5	33.5	ط1.6 <u>2.5ء ک</u>	€3.7	81.7 83.7	81.5 83.7	61.8 83.7	63.7	61.9 83.7	83.7
≥ 4500 ≥ 4000		75.3 75.6	50.7 82.7	31.4	23.7 56.0	83.9 86.2	36.4	54.1 86.4			84.2 85.5	84.2 86.5	54.2 86.5	54.7 86.5	34.2 35.5	65.
≥ 3500 ≥ 3000		70.3	84.7 85.7	5 • 1 86 • 9	57.6 80.4	57.5	59.7	88.0	59.7		88.1 89.9	35.1 89.9	39.9	38.1 89.9	58.1 89.5	89.4
≥ 2500 ≥ 2000		2.1	87.1 65.7	33.3 69.9	91.3 91.9	91.5 03.1	93.3	01.7	91.7 93.3	91.9	93.5	93.5	93.5	91.9 93.5	93.5	93.5
≥ 1800		32.1	80.7 90.1	99.9 91.3	94.5	93.1 94.7	93.3	94.9	93.3 94.9		93.5 95.0	93.5 95.0	ۍ <b>د .</b> 0	93.5 95.0	93.5	75.C
≥ 1200 ≥ 1000		54.0 55.1	91.7	37.4 04.	95.8		98.2	96.1 98.2	96.1 98.2		96.3 98.4	96.3 98.4	98.4	96.3	98.4	98.4
≥ 900 ≥ 800		35.7 20.3	92.7 97.7	24.2	97.5		98.6	98.2 98.6	98.2 9 <b>9.</b> 6			98.4 95.8	98.4 98.8	98.4 98.5	93.8	
≥ 700 ≥ 600		35.0 36.0	92.9	94.2	97.9				98.6 98.6	98.8	98.8	98.6 99.8	98.9			
≥ 500 ≥ 400	<u> </u>	36.9	94.2	05.4	99.1	99.5	99.3	99.8	99.8	100.0 100.0	100.0	100.0	10 .J	1000	160.0	100.F
≥ 300 ≥ 200		6.9	94.2	95.4	99.1	99.5	79.8		99.3	100.0	160.0	100.0	100.0	100.0	100.0	100.6
≥ 100		56.9	94.2	95.4	99.1 99.1	99.5	99.8	99.8		100.0 100.3						

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLUMAT CLIMATOLOGY GRANCH GOAFLIAC GOAFATH C SERVICEMMAC

- KLON-NI BANGE KC

#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13-70,73-74

VISIBILITY STATUTE MHES CEILING FEET ۵≤ ≥12 45. -3-4 44.0 45. 45.1 4 .. 2 41.0 47.1 44.9 44.9 44.5 NO CEILING 44.5 45.2 45.2 ≥ 20000 56.2 57.0 57.2 ≥ 18000 ≥ 16000 54.7 57.1 57.3 57. 57.1 57.2 57.3 57.3 4 4 . 9 34.5 56.9 7. 57. 57.3 57.4 57.5 57.5 74. 55.7 5°.7 ≥ 14000 - 3 58.4 58.4 56.5 58.5 53.5 54.7 58.7 58.7 20.4 5, 5 ≥ 12000 61.0 1.5 ( ) . f 57. 61.2 61.3 61. 61.5 61.6 ≥ 10000 ≥ 9000 51. o 5 • 2 o5.4 55.4 65.4 65.5 65.5 65.6 65.7 65.7 65.7 65.7 66.6 66.6 66.7 56.1 66.8 66.9 50.5 66.0 66. 66.9 7.1 ≥ 8000 ≥ 7000 £. 57.4 69.4 139.4 69.5 69.7 69.7 9.7 7.08 69.6 65.0 E:) . ~ 66 . 1 71.1 71.1 71.1 71.9 67. 72.3 72.3 72.3 72.4 73.5 72.6 72.5 72.6 ≥ 4500 ≥ 4000 7.00 74.3 74.6 74.8 74.9 75.1 75.1 75.2 75.2 51.2 67. 77.3 77.1 77.2 77. 77.2 77.4 77.4 73.6 78.8 78.9 35.3 31.7 91.1 ≥ 3500 ≥ 3000 73. 79. 79.1 75.2 79.2 78.9 79. 81.2 81.3 81.4 31.1 81.2 81.4 11.4 83.5 83.5 83.6 83.7 83.7 ≥ 2500 ≥ 2000 52.9 33.7 83.4 82.6 83.7 23.7 76. 7 - . 3 86.7 86.5 86.3 26.6 86.8 57. E7. 56.8 87.2 57.2 67.2 87.3 87.4 67.5 87.5 87.5 77.5 39.4 89.8 89.8 89.9 90.0 90.0 90.0 90.2 90.2 90.2 90.2 ≥ 1800 ≥ 1500 85.0 86.3 56.8 88.3 33.€ 97.5 91.7 91.8 91.5 91.9 92.0 97.1 92.1 ≥ 1200 ≥ 1000 1200 71. 3.4.5 91.2 92.1 93.0 94.9 95.0 95.0 95.2 95.2 94.5 94.7 95.2 34.5 94.1 94.7 94.9 95.0 95.1 95.2 95.3 95.3 95.3 85.7 92.3 57. 93.2 95.6 23.7 94.8 95.3 95.7 95.5 92.7 95.0 96.0 96.0 96.6 ≥ 700 ≥ 600 73. 93.2 94.3 95.4 95.9 96.2 96.3 96.4 96.5 96.6 96.5 97.2 87. 95.2 96.4 96.9 97.3 97.4 97.5 97.6 97.6 97.6 97.7 95.2 98.3 98.6 98.7 98.9 98.9 09.1 74.2 C 5 . 4 97.3 99.1 99.1 85.4 500 08.6 99. 99.2 74.2 67.7 95.3 30.4 97.9 98.5 99.2 99.4 99.4 99.4 4 . : 95.4 93.7 99.1 99.8 99.8 99.9 99.9 <u>≥</u> 35.5 25.5 98.1 99.3 99.5 99.6 200 37.8 95.4 26.5 98.1 98.7 99.1 99.3 99.5 99.6 99.8 99.5 99.8 59.9

98.8

98.3

00.5

98.2

95.4

99.2

99.2

TOTAL NUMBER OF OBSERVATIONS 228

99.8

79.4 99.6 99.6 99.8 99.8 99.91....

99.8

99.6

99.4

99.6

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

74.

74.3

100

į

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CONSTRUCTION TO COUNTY TRANSPORTED TO SERVICE AREA.

# CEILING VERSUS VISIBILITY

STATION STATION NAME OF STATION HARMS

-7",?<u>;</u>-79

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

622-5011

CEILING							VIS	BILITY ST	ATUTE MIL	ē\$						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 -2	≥1.	≥1	≥ r*	≥ ′⁄8	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		14.7	15.7	15.6	22.5	2.8	23.8 31.6	73.3 31.5	23.0	23.4 31.0	23.5	23.8	27.5	23	23.6 31.5	23.5
≥ 18000 ≥ 16000		16.0 15.3	19.7	22.5	3 • 3	30.6	31.5	71.6	31.6	31.6	31.4	31.6 31.6	31.6	31.6 31.6	31.6	31.6
≥ 14000 ≥ 12000		15.8	19.7	22.5	3 . 6	31.1	32.1	32.1	36.5	32.1 30.5	32.1 36.5	32.1 35.5	32.1 36.5	32.1 36.5	37.1	32 • 1 3 • • 5
≥ 10000 ≥ 9000		74.9	27.0	31.6 32.1	4 ; . 4	4 7	42.5	42.5	42.5	42.5	42.5	42.5	40.0 42.5	42.0	42.6 42.5	42.5
≥ 8000 ≥ 7000		21.6 25.6	37.1 33.4	73.4 35.3	40.5 45.9	4.2.7 45.1	44.7	44.0	44.	44	47.4	44.4	44.3	44.0	44.	44
≥ 6000 ≥ 5000		29.0 36.1	35.1	35.3 39.4	47.4	47.7		49.0 50.3	49.0	49.2	49.2	44.2 5 5	4°.2 30.5	49.2	49.2 50.5	49.2
≥ 4500 ≥ 4000		31.1	37.	40.4	47.7 52.3	50.0 30.6	51.3	53.9	51.6	51.6 54.1			51.6	51.5		±1.€ 54.1
≥ 3500 ≥ 3000		35.8 34.3	41.5	44.8 49.4	54.1 57.8	54.4	55.7 59.3	55.7	56.0	56.0					56.C	56.5 59.6
≥ 2500 ≥ 2000		43.7 42.0	47.9	51.6	61.4	61.7	63.2	63.2		63.5		63.5	63.5	63.5		
≥ 1800 ≥ 1500		43.3	51.6 56.5	35.4 60.4	67.4	65.1 74.1	69.7 76.2		77.5		75.5 77.2		77.5	70.5	70.5	70.5 77.2
≥ 1200 ≥ 1000		52.3	50.5 63.7	64.5	75.2 52.1	79.3 33.7		£1.9 87.3		82.4 38.3	82.4	82.4 88.3	82.4	82.4 88.3	52.4	62.4 86.3
≥ 900 ≥ 800		53.1 53.4	64.5	63.4 68.9	83.7	85.2	89.4	89.4	69.9		90.4	90.4	5°.4	90.4	90.4	9.0.4 92.7
≥ 700 ≥ 600		53.6 54.7	65.3	69.2 79.2	£5.8	87.3	90.2	92.0 93.3	92.7 94.	93.8	94.	94.0	94.7	94.3	94.	94.7
≥ 500 ≥ 400		55.2 55.2	67.9	71.5	89.9	90.9	94.0 94.8	95.9	96.9	98.4	98.7	98.7	98.7 99.7	98.7	98.7	98.7
≥ 300 ≥ 200		55.2 55.2	67.9	72.3	89.9	91.7	94.8	96.9	97.9	99.5	99.7	99.7	59.7	99.7	99.7	99.7
≥ 100 ≥ 0		55.2 55.2	67.0	12.3	89.9	91.7	94.8	96.9	97.9	99.5	99.7	99.7	99.7	99.7	59.7	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

396

SCCHAL CLIMATOLOGY BRANCH L'AFLTAC C'ILATATHIR SERVICEZHAC

### CEILING VERSUS VISIBILITY

A ON-NI PANGE KO

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

68-70,73-79

900-1100 HOURS 151

CEILING							VIS	BILITY STA	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥174	≥1	≥ ¼	≥ 1/0	≥ :	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		77.9	24. 33.4	. I • 2 33 • 9	27.7 37.0	27.7 37.0		27.7 37.0	27.7 37.0	27.7 37.0	27.7 37.	27.7 37.0	27.7 37.0	27.7	27.7 37.0	27.7 37.1
≥ 18000 ≥ 16000		20.5 23.5	34 • 1 34 • 1	34.6 34.0	37.6 37.6	37.6	1		37 • ′ 37 • ¢	37.6 37.6	37.6 37.0	37.5 37.6			37.6 37.6	37.6 37.0
≥ 14000 ≥ 12000		33.2	33.7 31.3	35.7 29.1	32.9	35.9	- · · · · i	38.9 42.4	33.0 42.4	36.9 42.4	39.9	38.9 42.4	36.9 42.4	_	38.9 42.4	30.9
≥ 10000 ≥ 9000		47.2 37.8	43.7	44.7	48.6 49.2	48.9	48.9 49.5	49.9 49.5	48.9	48.9	48.9 49.5	48.9 49.5	46.9		42.9 49.5	48.9
≥ 8000 ≥ 7000		39.5 41.0	47.3	40.2 50.6	52.3 54.5	52.6 54.8		52.6 54.8	52.6 54.8	52.6 54.8		52.3 54.8	52.6 54.8	52.6 54.8	52.6 54.8	52.6 54.8
≥ 6000 ≥ 5000		42.6 42.9	51.7	54 • 3 52 • 9	5 - 8 5 7 <b>- 4</b>	57.1 57.7	57.1 57.7	57.2 57.9	57.2 57.0	57.2 5 <b>7.</b> 9	57.2 57.0	57.2 57.9	57.2 57.9		57.2 57.9	57.5 57.5
≥ 4500 ≥ 4000		44.2	53.1 54.7	54 • 2 55 • 8	5 % • 7 6 ` • 5	59.0	59.0 39.6	59.2 60.9	50.7	59.2 60.9	1 1	59.2 50.9	59.2 60.9	59.2 60.9	59.2 60.9	59.2
≥ 3500 ≥ 3000		45.5	55.6 59.3	5ა.8 ნ.5	65.0	61.9 66.2	61.9 66.2	62.1	62.1 66.4	62.1 66.4	62.1 66.4	62.1	62.1 66.4	62.1 66.4	62 • 1 66 • 4	62.1
≥ 2500 ≥ 2000		54.0 57.0	65.3 68.1	55.4 69.3	77.9	71.2 75.2	71.2 76.4	71.4 76.7	71.4 76.7	71.4 76.7	71.4 76.5	71.4	71.4	71.4 77.	71.4 77.7	71.4 77.1
≥ 1800 ≥ 1500		58.8 n3.2	69.E	71 • 1 75 • 4	77 <b>.7</b> 84 <b>.7</b>	78.0 85.2	78.1 85.5	78.5 76.0	78.5 86.0	78.5 86.1	78.6 86.2	78.6 86.2	79.8 86.3	79.8 86.3	78.8 86.3	75.8
≥ 1200 ≥ 1000	:	54.5 66.4	76.8 72.4	78.5 01.5	87.5 91.6	33.3	93.7 93.6	59.2 94.1	89.2	89.3 94.1	89.4	89.4 94.2	89.5	89.5 94.4	89.5 94.4	59.5
≥ 900 ≥ 800		56.4 58.0	77.4 81.2	51.2 33.0	92.0 93.9	94.9	93.9 95.8		94.4	94.4	94.5	94.5 96.5	94.7		94.7 96.8	94.7
≥ 700 ≥ 600		68.2 64.3	81.7	93.4	94.5	75.5 75.7	96.5 96.6	-1	97.1 97.3	97.1 97.3		97.3	97.4 97.6	97.4 97.6	97.4 97.6	97.4
≥ 500 ≥ 400		68.4 68.6	8 • 2 8 ? • ?	34 • 2 34 • 2	96.1 96.5	97.1 97.4	98.2 98.6	98.9 99.4	98.9 99.4	98.9 99.4		99.5	99.4	99.4	99.4	99.4
≥ 300 ≥ 200		69.6 66.6	82.2	34.2 94.2	95.5 96.5	97.4 97.4	98.6 98.6	- 1	99.4	99.4 99.5		99.5	99.8 1.0.0	99.8 100.0	99.8 100.6	99.3 105.0
≥ 100 ≥ 0		63.6 55.€	82•2 82•2	34.2 34.2	96.5 96.5	97.4 47.4	98.6 98.6	99.5	99.5 99.5	99.5 99.5				100.0 100.0		

TOTAL NUMBER OF OBSERVATIONS\_

57.

USAF ETAC IUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

TO ALL TENENTOETHEY REALISH ON THE STATE OF

# CEILING VERSUS VISIBILITY

- 73 h CN-NI PANSE KO

68-70,73-79

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1215-1400 HOURS 151

CEILING							VIS	BILITY IST	ATUTE MIL	E5.						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2'י	≥ 2	≥179	≥1%	≥1	≥ 1,0	≥ 3/8	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		31.4	32.4	33.9	34	1	35.4 45.7	35.4	35.4	35.4 45.7		35.4 45.7	35.4	35 • 4 45 • 7	35.4 45.7	45.7
≥ 18000 ≥ 16000		41.0	44.4	44.8	45.3	45.3	46.3	46.3	46.3	46.3		46.3	45.3	46.3	46.3	45.3
≥ 14000 ≥ 12000		45.2	45. 43.	40.5	47.0	43.0	48.0 38.1	48.3 50.1	48. 55.1	45.0	48.	48.0 50.1	49.0 50.1	48.1 50.1	48.0 50.1	48.0 50.1
≥ 10000 ≥ 9000		40.5 50.5	52.4 53.7	52.9	54.8 5h.1		54.8 56.1	54.8	54.8 56.1	54.5 56.1		54.6 56.1	54.8 56.1	54.8	54.8 56.1	54.8
≥ 8000 ≥ 7000		57.4		55.3 55.4	58.1	53.1	58.1	58.1 60.9	58.1	58.1	58.1	58.1	58.1 60.9	58.1 60.9	58.1	50 • 1 6 • 9
≥ 6000 ≥ 5000	<del></del>	56.1	57.4	30.2 33.2	65.6	62.7	62.7	65.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	52.7
≥ 4500 ≥ 4000		59.6	67.0	3.7 50.5	66.4	55.1	55.1	66.1	66.1	65.1		66.1	66.1	56.1 58.4	66.1	56.1 58.4
≥ 3500 ≥ 3000		67.3	67.5	68.1	71.9	70.9	70.9	70.9	70.9	70.9				70.9 75.0	70.9	
≥ 2500 ≥ 2000		7 • 4 73 • 3		75.6	78.6 81.5	73.0		7£.6	78.6 82.7	78.6 82.7		73.6 82.7	78.6 82.7	78.5 82.7	78.6	78.6
≥ 1800 ≥ 1500		75.6		31.3	34.5		34.6	94.6	84.6	84.5	84.6	84.6	34.6	24.6 89.9	64.5 89.9	64.6 89.9
≥ 1200 ≥ 1000		50.2 82.0	35.6	36.7 89.0	91.2	91.2	71.8	91.8 95.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900 ≥ 800		33.3	33.) 39.9	99.7	95.3	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700 ≥ 600		93.6	89.0	9 • ô	96.6	06.7	97.9	98.0	98.C	98.0	98.0	98.3 98.4	98.0	98.0	98.	сь.:
≥ 500 ≥ 400	·	83.8		91.2		97.7	99.0	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.6
≥ 300 ≥ 200		-3.8 33.8	87.5		97.5	27.7	99.0	99.2	99.5	99.5	99.8	99.3 99.8	99.8	99.6	99.€	99.5
≥ 100 ≥ 0		33.8 83.8	89.5 80.5	91.2 91.2	97.5 97.5	97.7	99.0 99.0	99.2	99.5 99.5	99.5	99.8	99.8	99.8	99.8 99.8		10.0

		~-	ORCEDU A TIONIC	n 1	
TOTAL	NUMBER	O#	OBSERVATIONS		٠

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

:

COUPAC CLIMATOLOGY RANCH GCAFLTAC 47- WEATHUR SERVICE/MAC

### CEILING VERSUS VISIBILITY

VALUE STATION NAME

60-70,73-79

1500-1700

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.7	≥1'a	21	≥ ¼	≥ `•	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		4 7 . 7	34.7	35.1 45.	3-4	36 • 4 47 • 5		36.4		36.4 47.3			3c . 4	35.4 47.3	36.4	36.4
≥ 18000 ≥ 16000		43.0 44.1	45.	46.2	47.5	47.5	47.5	47.5 47.7	47.5		47.5	47.5		47.5	47.5	47.5
≥ 14000 ≥ 12000		9? 4	4°•.	43.6 51.4	49.9 52.7			49.9 52.7	49.9		49.9	40.9	49.9 52.7		49.9 52.7	49.9 52.7
≥ 10000 ≥ 9000		55.9 57.4	- 1	5 } • 3 5 9 • 8	6 .0 61.5			60.6 61.5		61.5	60.0 61.0	60.0 61.5		63.5 61.5	50.0 61.5	
≥ 8000 ≥ 7000		50.€ 52.6	67 • 7 54 • 5	63.3 64.9	64.7			64.7	64.7 56.6	64.7 66.6	64.7 66.6	-	- 1	64.7 66.6	64.7 56.6	
≥ 6000 ≥ 5000		55.3 66.3	67.4	67.7 71.3	69.6 73.0		69.6 73.0		5° . 6	59.6 73.J	6°•c		69.6 73.0	69.5 73.0	69.6 73.0	69.6 73.0
≥ 4500 ≥ 4000		59.2 72.4	71.5	72.2 75.0	73.9	73.9 77.7	73.9 77.7	73.9 77.7	73.c 77.7		73.9 7 <b>7.</b> 7		73.9		73.9 77.7	73.9 77.7
≥ 3500 ≥ 3000		74.3 17.7		77.9 21.6	77.5 83.5	79.5 43.5		79.5 83.5	79.5 83.5			79.5 83.5		79.5 83.5	79.5 33.5	79.5 63.5
≥ 2500 ≥ 2000		77.7 82.4	82.5 85.7	92.7 96.5	85.7 89.1	€5.7 99.1		85.7 89.1	65.7 89.1						85.7 89.1	
≥ 1800 ≥ 1500		72.6 96.3	85.7 90.6	36.7 91.4	89.3 94.6	89.3 94.6		89.3 94.6	69.3 94.6			01.3		89.3	89.3 94.5	85.3 94.6
≥ 1200 ≥ 1000		-7.6 38.6	92.1	92.9 93.9	96.2 97.4	96.2 97.4	95.2 97.6	96 • 2 97 • 6	96.2 97.6	96.2 97.6				96.2 97.6	96.2 97.6	96.2 97.6
≥ 900 ≥ 800		33.7 88.9	93.7 93.4	94.0 94.2	97.6 98.1	97.6 98.1		97.7 98.5	97.7 98.5	97.7				9 <b>7.</b> 7	97.7 98.5	97.7 98.5
≥ 700 ≥ 600		39.1 89.1	93.6 93.6	94.4	98.7 93.7	იგ <b>.9</b>		99.1 99.2	99•1 99•2	99.1 99.2				9 <b>9.</b> 1	99.1 99.2	99.1 99.2
≥ 500 ≥ 400		89.1 89.1	93.4 93.4	94.6	9°•1	99.2	1.0.0	100.0	130.0	100.0 100.0	100.C	100.0	160.0	100.6	100.0	100.0
≥ 300 ≥ 200		89.1 89.1	93.9	94.6 94.6		99.2	1 10.0	100.0	150.0	100.0 100.0	100.0	100.0	100.0	100.0	100.6	100.0
≥ 100 ≥ 0	_	89.1 89.1	93.8	94.5	99.1					100.0 100.0	-					

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

533

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LOCAL CLISTFOLOUY PRATCH CETAC . TO BESTOCK SERVICEZYMC

### CEILING VERSUS VISIBILITY

NOON-NI KANGE KO

63-70,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI5	BILITY (ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.7	≥ 2	≥179	≥1%	≥1	≥ 1/4	≥ %	≥ 'ל	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		25.3 33.0	23. 36.4	?≯•ë 3 <b>7•</b> 8		31.1 4J.3	31.3 41.7	31.3 41.0	31.3 41.0	31.3 41.3	31.3 41.0	31.3	31.3 41.0		31.3 41.0	31.3
≥ 18000 ≥ 16000		34.6 34.1		38 • 2 35 • 2	41.2 41.3	41.3	41.4	41.4 41.5	41.4 41.5	41.4		41.4	41.4 41.5	41.4	41.4	41.4
≥ 14000 ≥ 12000		₹5.2 3 <b>7.</b> 9		39.6 42.6		42.8 45.9	43.0 46.1	43.J 46.1	43. 46.1	45 46.1	43.° 45.1	43.	43.0 46.1	43. 46.1	43.0 46.1	43.€ 46.1
≥ 10000 ≥ 9000		43.2 44.1	i 1	49.5 49.1	51.7 52.7	52.9	52.1 53.1	52.1 53.1	52 • 1 53 • 1	52.1 53.1	52.1 53.1	52.1 53.1	52.1 53.1	52.1 53.1	52.1 53.1	52.1 53.1
≥ 8000 ≥ 7000		45.9 40.0	50.3 52.9	51.4 53.7	55.3 57.8	55.4 57.9	55.6 55.1	55.6 58.1	55.6 58.1	55.6 59.1	55.6 59.1	55.6 53.1	55.6 58.1	55.6 58.1	55.6 58.1	55.6 55.1
≥ 6000 ≥ 3000		49.8 51.5	54. i. 56. j	55.9 57.9	59.9 62.0	60.1 02.2	67.3 62.4	60.4 52.5	50.4 62.5	62.5		60.4 62.5	67.4 57.5	60.4 62.5	62.5	67.4 62.5
≥ 4500 ≥ 4000		52.4 54.7		53.9 51.4		65.7	63.3	63.4	63.4			63.4		63.4 66.0	∪3.4 66.7	60.4 66.5
≥ 3500 ≥ 3000		55.3 59.5	51.7 65.5	53.1 65.8		67.5 71.5	57.7 71.7	57.8 71.8	67.8 71.8		67.8	67.8 71.6		67.8	67.8 71.8	67.8 71.8
≥ 2500 ≥ 2000		52.6	69.9 72.2	74	75.0 79.2	75.2 79.5	75.5 79.8	75.5 80.0	75.5 80.1			75.6 80.1		75.6	75.6 60.2	75.6 80.2
≥ 1800 ≥ 1500		36.7 70.3	73.5 75.1	75.U 79.7	8U • 6	30.9	81.2	91.4	61.5 87.6		81.5	81.5		81.6	81.6	61.6
≥ 1200 ≥ 1000		73.1 73.8		41.9 84.1	8°•0 92•2	37.5	90.1 93.8	94.1	9".5 94.2		9 n • 5	90.5	91.6	90.5	93.6	91.06
≥ 900 ≥ 800		74.1 74.9	82.4 83.5	34 • 5		93.4	94.4	94 • 3 96 • 2	94.9	95.0 96.5		95.1 96.6	95.1 96.7	95.1 96.7	95.1 96.7	95.1
≥ 700 ≥ 600		75.1 75.4	83.6 84.1	85.7 36.0	94.5 94.9	95.2 95.5	96.4 96.8	96.9	97.1 97.5	97.3 97.7	97.4 97.8	97.4	97.4	97.4	97.4 97.8	97.4
≥ 500 ≥ 400		75.6 75.6	1	პი•5 86•6		96.7	98.1 98.4	98.7 99.0	99.	99.3	99.4	99.4	99.5	99.5 9 <b>9.</b> 9	99.5 99.9	09.5
≥ 300 ≥ 200		75.6 75.6		56•6 36•6		96.9	98.4 98.4	99.ù	99.3	99.6		99.8	99.9 99.9		99.9	-
≥ 100 ≥ 0		75.6 75.6		86∙6 86•6		96.9	98.4 ⊋8.4	°9.1	99.3 99.3	99.6 99.6	99.8 99.8	99.8 99.8			99.9 99.9	156.0

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LICIAL CLIMATOLOGY RRANCH CLIMETAC 77- REATHER SERVICEZMAC

# CEILING VERSUS VISIBILITY

75 KACH-NI PANGE KO

F5-70,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1627-0600

CEILING							VIS	IBILITY IST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 1/2	≥1 2	≥1	≥ ₺.	≥ '⁄6	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		25.	28.4 32.4	36.7 34.1	32.4 35.7	32.0 33.2	34.5 33.9	35.3	35.7 40.3	35.3 40.3	35.3 40.3	35.3	35.5	35.5	35.7	75.7
≥ 18000 ≥ 16000		2 <b>1</b> 2	3 . 4	34.1	36.7	33.2	39.9	79.9	40.7	40.3	40.3	40.3	40.6	40.0 40.0	40.8 40.8	4.00
≥ 14000 ≥ 12000		7 <b>9 6</b> 6	33.4	34.1	36.7	30.2		39.9 41.8	42.3	40.3 42.3	42.3	42.3	42.5	42.5	42.9	42.8
≥ 100001		30.3	30.5	37.	39.6 45.9	41.1	42.8	43.7 50.5	51.1	44.2 51.0	44.2 51.	44.2 61.0	51.2	14.4	14.7	44.7 51.4
≥ 9000		32.5	47.7	43.0	47.1 52.2	43.6 33.6	51.7 56.9	52.2 58.0	5 <b>2.</b> 7	52.7 58.5	52.7 58.5	52.7 58.5	52.9 58.7	52.0 58.7	53.1	53.1 5c.4
≥ 7000 ≥ 6000		41.5	46.4	49.5	54.3	56.3	59.7	60.9	61.4	61.4	51.4	61.4	01.6	61.6	61.5	61.6
≥ 5000		11.2 • 3	47.6	53.2	95.1	57.D	50.4	61.1 61.6	51.6 62.1	61.6 62.1	61.6	62.1	62.3	61.0 62.3	62.1 62.6	62.6
≥ 4500 ≥ 4000		42.8	48.1 50.0	52.7 52.7	55.6 57.5	57.5 59.4	62.9	62.1 64.0	62.6 64.5	62.6	62.6	62.6	62.8	62.8 54.7	63.1	53.5
≥ 3500 ≥ 3000		4c • 6	51.9 53.9	54 • 6 56 • 5	50.4 61.8	63.3	64.7	65.4	66.4	66.4 68.8	66.4	66.4	66.7	66.7 69.1	66.9 69.3	66.9
≥ 2500 ≥ 2000		1;9."	55.0 53.0	38.5	64.3	66.2 70.8	69.6	70.8	71.3 75.8	71.3	71.3 75.8	71.3	71.5	71.5	71.7	71.7
≥ 1800 ≥ 1500		52.9	54.7	63.3	67.6	71.5	74.9	76.1	76.5	76.€	76.6	75.8	76.1	76.8	76.3	77.1
≥ 1200 ≥ 1000		57.2	62.6	69.3	70.4	76 • 3 8 - • 4	33.6	80.9 85.0	81.6 95.7	85.7	85.7	81.6	86.0	81.9 86.0	86.2	82.1 56.5
≥ 900		59.2	67.4	72.2	87.1	34.3	87.9	89.6	90.6	91.3	91.5	91.5	91.8	91.8	92.0	92.3
≥ 800 ≥ 700		59.9	69.1	73.9	83.8	36.5	90.8	92.5	93.5	94.2	94.4	94.4	94.7	95.4	94.0	95.7
≥ 600		59.7	67.1	74.2	84.1	56.2	91.5	93.2	94.4	05.2	95.4	95.4	95.7	95.7	95.9	96.1
≥ 500 ≥ 400		50.4 50.4	60.6	74.6	84.8	87.0		94.0 94.0	95.4 95.4	96 • 1 96 • 1	96.6 96.9	96.6	97.1 97.3	97.1 97.3	97.E	98.3
≥ 300 ≥ 200		62.4 60.4	69.5 69.5	74.6	64 · 8	37.0 87.0	92.8	94.7	96.1 96.1	96.9	97.8	97.8 97.5	98.3 98.3	98.3	98.8	99.3
≥ 100 ≥ 0		50.4 50.4	59.6	74.6	84.8 84.8	57.0 57.0	92.8 92.8	94.7	96.1	96.9	97.8	97.8 97.8	98.3	98.3 98.3	98.8 98.8	170.0

TOTAL NUMBER OF OBSERVATIONS

414

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

**CEILING VERSUS VISIBILITY** 

5: -7", 13-10

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY :ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1%	≥1	≥ ¼	≥ %	≥ 7	≥ 5 16	، خ	≥0
NO CEILING ≥ 20000		33. 34.7	35.3	37.1 43.6	46.9	45.2		40.7		47.7	45.7 47.7	43.7		42.7	40.7	4 2 . 7
≥ 18000 ≥ 16000		3 A . G	43.4	43.8 43.8	47.1 47.1	47.2		47.6	47.8	47.5	47.8	47.5	47.8	47.8 47.8	47.5	47.9
≥ 14000 ≥ 12000		43.7	4:.6	45.7 45.7	47.2 57.2	49.5		50.2	9	51.2 53.2	50.0	50.2 53.2	50.2	50 • ? 53 • ?	50.2 53.2	50•2
≥ 10000 ≥ 9000		45.3 47.0	54.°	54.1 54.9	5 - 7 5 9 • 5	59. 39.€	59.5 52			59.8 60.5	59.8 60.5	59.8 66.5		59.8 60.5	•	59.8
≥ 8000 ≥ 7000		51.3 55.5	54.7 63.7	58.1 51.3	64.1 67.7	64.4 67.3		55.3 68.2	65•3 68•2	65.3 68.2	65.3 68.2	65.3 66.2	65.3 66.2	65.3 65.2		55.7 60.2
≥ \$000 ≥ 5000		55.6 57.4	61.5 63.2	61.9 u3.5	67.9 70.0	(3.2 70.3	58.0 70.0		59.1 /1.2	69.1 71.2	69.1 71.2	69.1 71.2	69.1 71.2	69.1 71.2	69.1 71.2	
≥ 4500 ≥ 4000		57.4 58.3	64.1	63.5 64.4	70.0 71.0	7J.3 71.3	70.9 72.0	71.2 72.3	71.2 72.3		71.2	71.2 72.3		71.2 72.3	71.2 72.3	71.2
≥ 3500 ≥ 3000		50.0 33.4	6 5 • 5 6 4 • =	65.8 69.8	79.3 75.5	72.6 77.0			73•7 76•0	i i	73.7 78.	73.7 78.3	73.7 73.2	73.7	73.7 79.0	73.7 78.3
≥ 2500 ≥ 2000		54.9 67.9	71.3 74.5	71.6 74.9	82.8	39.2 33.3	მ5•0 გ4•0	30.3 84.3	80.3 84.3		8C.3	80.3 84.3	60.3 64.3	80.3 84.3	80.3 84.3	
≥ !800 ≥ 1500		აძ∙5 71•3	75.3 73.2	75.6 73.5	87.4	94.2 67.9		85.2 89.2	65.2 39.2	35∙2 89•2	85.2 89.2	85.2 89.2	85.2 89.2	25.2 89.2	85.2 89.2	85.2 89.2
≥ 1200 ≥ 1000		73.1 74.9	87 • 7 87 • 7	3′.∙6 83	93.7	90.9	•	92.4 96.4	92.4 96.4		92.4 96.6	92.4 96.6	92.4 96.6	92.4 96.6	92•4 96•6	92.4 96.6
≥ 900 ≥ 800		74.9 75.0	3 2 . S 8 3 . 1	33.4 82.7	93 <b>.9</b> 94 <b>.</b> 2	94.9	96.4	96.6 96.9	96.6 96.9		96.7 97.0	96.7 97.0	96.7 97.2	96.7 97.3	96.7 97.	90.7 97.1
≥ 700 ≥ 600		75.1 75.5	83.7 83.7	23.9 84.3	94.6 95.1	95.4	97.3	97.3 97.8		97.9	97.5 97.9		97.5 97.9	97.5 97.9	97.5	
≥ 500 ≥ 400		75.5 75.5	84 • 2 84 • 2	54.9 84.9	96.1 96.1	96.9	98.5		99.1 99.1	99.4		99.4 99.6	99.4	99.4 99.6	99.4 99.7	99.4
≥ 300 ≥ 200		75.6 75.6	84.3	95.1 85.1	96.3	97.0 97.0	98.7	99.3		99.6	99.7	99.7	99.7 99.7	99.7 99.7	-	100.0 100.0
≥ 100 ≥ 0		75.6 75.6	84 • 3 84 • 3	85.1 85.1	96.3 96.3	97.0 97.0		99.3	99.3 99.3		99.7 99.7	99.7 99.7	99.7	99.7	99.9	1

TOTAL NUME	BER OF	OBSERVATIONS	669

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GESOLETE

RETAL CLIMATOLOGY SRANCH PARCITAC WIS REATHER SERVICEZMAC

#### **CEILING VERSUS VISIBILITY**

STATION STATION NAME

68-70,73-79

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1207-1403

CEILING	-						VIS	BILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥17	≥1 .	≥1	≥ ¼	≥ '*	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		40.1	41. 51.	4:•1 52•5	47.0 53.3	42.9 53.6	42.9 53.6	42.9 53.6	42.9 53.5	42.0 53.0		42.9 53.6	42.9 53.6	42.9 53.0	42.9 53.6	42.9
≥ 18000 ≥ 16000		49.4	51.7 51.7	52.6 52.8	53.4	53.7	53.7 53.9	53.7 53.9	53.7	53.7	53.7	53.7 53.9	57.7	53.7 53.9	53.7	53.7
≥ 14000 ≥ 12000		-1.5 -5.6	54.3 52.4	5 • 3	50.0	50.3	55.5 30.7	56.5 60.7	56.5 50.7	56.5	56.5	56.5 63.7	56.5 63.7	56.5 63.7	56.5 50.7	56.5
≥ 10000 ≥ 9000		62.4	54.1 66.4	د 67• د	60.1	56.4 55.7	υ6.5 63.9	66.6	55.6 58.9	56.6 68.9	66.6 55.9	66.6	66.6	68.9	65 · 6	66.6
≥ 8000 ≥ 7000		64.0	6°.° 71.2	70.3	71.5	71.8	72.E 74.0	72.0 74.0	72.	72 74	72.5	72.5	78.0 74.0	72.1.	72.°	72 • · · · · · · · · · · · · · · · · · ·
≥ 6000 ≥ 5000		67.5		77.2	74.5 75.2	74.5 78.5	74.9 72.6	74.9	74.9 78.6	74.9 78.6	74.5 78.5	74.9 78.6	74.9 78.6	74.9	74.0	74.9 78.6
≥ 4500 ≥ 4000		79.9 72.8	75.2	75.3	75.2 8.3.3	75.5 3.7	75.6	78.6 30.8	78.6	78.6	78.6 80.8	76.6 80.8	78.6 83.8	78.6 35.6	73.6 50.8	76.6
≥ 3500 ≥ 3000		75.1 75.0	70.4 82.0	AC • 7	82.7	9.3.0	63.1 86.1	F3.1	83.1 36.1	83.1	83.1	83.1	33.1 56.1	93.1	93.1	63.1 86.1
≥ 2500 ≥ 2000		22.6	37.3 89.	38.4	91.0	>1.3	91.5	₹1.5 ₹4.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800 ≥ 1500		35.9	83.0	91.5		54.9 95.8	95.0 96.0	95.D	95.5	95.2	95.2 96.1	95.2 96.1	95.2	95.2 96.1	95.2 96.1	95.2 96.1
≥ 1200 ≥ 1000		57.2 5.7.3		74.3	97.4	97.7	97.8 93.1	97.8	97.8 98.1	95.0	98.0	98.0 98.6	98 • 0 98 • 6	98.	98.5 98.6	98.0 98.6
≥ 900 ≥ 800		37.6	97.	04.7	98.3	98.3	98.6	98.6	98.6	98.8 99.1		99.1	99.1	99.1	99.1 99.5	99.1
≥ 700 ≥ 600		37.8	93.7	95.4	98.5	ລະ.8 ລຄ.9	99.2	99.2	99.2	99.4	99.7	99.7	99.8	99.8 120.0	99.8	99.5
≥ 500 ≥ 400		57.9	7	95.4 95.4		93.9	99.4	99.4	99.4	99.5	99.8	99.8		100.0	100.0	100.0
≥ 300 ≥ 200		37.9 87.9	93.⊬	95.4	93.6	98 <b>.9</b>	99.4	99.4	99.4	99.5 99.5	99.8	99.8	103.0	100.0		100.5
≥ 100 ≥ 0		27.9 27.9	_	95.4 95.4			99.4 99.4	99.4	99.4	99.5 99.5					100.0	

TOTAL NUMBER OF OBSERVATIONS 646

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

TANDA KIDNI-NI PANGE KI

6.5-70,73-79 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2'7	≥ 2	≥172	≥1 %	≥1	≥ ¾	≥ 5.0	≥ ′⁄2	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000		41.1 45.7	4 ? . ? 57 . 6	47.6 56.1	46.0	46.6 €0.5	46.0 20.5	46.Ω 66.5	43.6 6€.5	4c.0	46.0 60.€	46.0 60.5	4 h . 1 60 . 5	46. 60.5	45. Qu.5	4L.
≥ 18000 ≥ 16000		56.1	50. 5÷.₹	55.3 53.7	6 .9 61.2	€9 51.2	51.2	60.9 61.2	გე.ი <u>61.</u> 2	60.1 51.2	61.2	61.2	67.9	60.9 61.2	55.9 61.2	61.2
≥ 14000 ≥ 12000		# 2 • 1 / 1 • >	5 1. ) 6 3. • /	6" • 5	63.1	65.7	65.7	63.1 66.7	53.1 66.7	65.1 66.7	63.1 66.7	63.1 66.7	63.1 65.7	63.1 65.7	63.1	66.7
≥ 10000		67.4 t.s	7.1.	70.3 71.2	73.4	73.4 74.5	74.3	73.4 74.3	73.4	74.3	73.4 74.3	73.4	73.4 74.3	73.4	73.4 74.3	74.7
≥ 8000 ≥ 7000		70.2 71.5	72.4 73.0	73.2 74.6	76.3 77.9	75.3 77.9			76.7	76.3	77.9	76.3	76.3 77.9	76.3 7 <b>7.</b> 7	76.3	77.0
≥ 6000 ≥ 5000		73.4	79.4	76.7 75.4	79.8 62.7	79.8 52.7	82.7		02.7	79.8 82.7	79.8 82.7	79.8 82.7	79.8 82.7	79.8 52.7	79.8 62.7	8 7
≥ 4500 ≥ 4000		76.5	7°.9	79.9 92.6	8 . 2 65 • 2	93.2 95.2	83.2 55.2	53.2 5.2	83•2 8 <u>5•2</u>	93.2 35.2	03.2	83.2 95.2	\$5.2 \$5.2	33.2 25.2	33.2 55.2	33.2   5.4
≥ 3500 ≥ 3000		3.2	83.0 86.1	24 • 4 27 • 5	36.0 91.3	38.0 91.3	91.3	88.0	98. 91.3	91.3	38.3 91.3	91.3	91.3	88.3	38.0 91.3	91.3
≥ 2500 ≥ 2000		^1.7	95.7	70.1	95.2	93.5 -5.2	96.7	94.2	94 <u>96.7</u>	94.2	96.7			94.2	94.2	90.7
≥ 1800		37.7 7.8	9 . 7	70.5	95.2	96.2		96.7 97.1	96 • 7 97 • 1	97.3		96.7 97.3		96.7 97.3		
≥ 1200 ≥ 1000		33.7 89.	91.9	93.7	97.8		99.	98.3	98.3 99.1	98.5	99.3			98.5 99.3		99.5
≥ 900 ≥ 800		89.0	92.	94.2	99.6	99.)	99.5		99.7		99.8	99.5	99.8	99.5 99.8		99.4
≥ 700 ≥ 600		37.0	92.5	94.2	99.0	99.0	99.5	99.7	99.7		155.5		100.0			
≥ 500 ≥ 400		30.0	92.5	94.2	99.0	9.0		99.7	99.7	99.8	100.0	100.0	100.0	100.2	130.0 130.0	100.1
≥ 300		89.0	92.5	94.2	99.0	99.0 99.0	99.5		99.7	99.8	100.0	100.0	160.0	100.0	130.r	100.1
≥ 100 ≥ 0		89.	92.5 92.5	24.2 04.2	99.0	99.0	99.5	99.7	99.7 99.7		100.0 100.0				1	F 1

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL AL MERHATOLORY READOM CHOFFTAC AL WEATHUR SERVICEZMAC

#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

62-7.,73-79

ALL

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES.						
FEET .	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1.7	≥1.	≥1	≥ :₄	≥ '⁄9	≥ .	≥ 5 16	≥ .	≥c
NO CEILING ≥ 20000		36	37.1	: - • € 4 • €	41.0 50.3	41.3 53.7	41.5 50.9	41.7 51.2	41.7 51.3	41.7 51.3	41.7 51.3	41.7 51.3	41.7 54.3	41.7 51.3	41.7 51.3	
≥ 18000 ≥ 16000		44.4 64.5	47.	40.2	51.5 50.6	50.7	51.1	1.3 51.5	51.4	51.4	51.4	51.4	51.5 51.6	51.5	51.5	1.5
≥ 14000 ≥ 12000		45.7	49.	50.3 50.3	3.52	53.1	33.5	53.7 57.0	53.4	53.8	53.8 57.1	53.8	53.8	53.5	57.9	
≥ 10000 ≥ 9000		54.1	5 3 . 1	59 <b>.</b> č	62.2	55.3	03.1	33.5	53.°	63.5	63.5	63.5	57.1	63.	53.5	57.2 53.6.
≥ 8000 ≥ 7000		58.2	67.0	63 • 3 63 • 3	67.1	63.9 57.6	04.5	64.6 5c.6	08.7	63.7	64.9 68.7	64.9	65.3 63.6	65.5	69.1	4.0
≥ 6000 ≥ 5000		51.1	65.5	55.6 66.6	7 . 7	39.8 73.3	71.7	74.9	72.1	77.1	77.1	72.1	72.1	71.1	72.1	71.1
≥ 4500		63.1 23.4	)	63.7 65.9	73.6	73.3 73.5	74.4	74.4	74.7	74.7	74.5	74.7	74.6 74.8	74.5	74.5	74.0
≥ 3500		65.60   66.5	71.0	70.6	76.0	75.3	76.2	76.5 78.5	76.6 78.6	76.6 75.6	76 • c	76.6	76.5 78.7	76.c	76.5 79.7	
≥ 3000		69.8 72.7	74.5	75.7	87.4	+J•7 €4•€	31.6 84.9	#1.9 £5.2	35.3	82.c	82.5 85.3	82.5 85.3	62.7 35.3	\$2. 35.3	52.1 55.4	25.4
≥ 2000		74.5	8 .1	F1.6	56.9	87.5 7.9	89.9	58.8 89.2	58.8 89.3	88.9	88.9	88.9 89.4	88.9 89.4	83.9 89.4	89.3 89.4	59.0 69.4
≥ 1500	-	75.6	87.1	83.8	80.7	92	91.3	91.6	91.7	91.5	91.3	91.5 94.3	91.9	91.9 94.3	91.9	61.0
≥ 1000	-	79.1	85.2 85.3	77.1	9 . 9		95.9		96.5	96.8	96.9 97.1	96.9	97.0	97.0		
≥ 800		79.4	85.8	87.8		75.4	96.9	97.4	97.5	97.8		97.9	98.9	98 · C	98.1	93.1
≥ 700 ≥ 600		19.6	86.1	38.1	95.1	95.8	97.4	97.9	98.1	98.4	98.5	98.5	98.6	98.6	93.7	90.7
≥ 500 ≥ 400		79.7	86.3	33.3		96.Z	97.9		98.7 98.7	99.0 99.0	99.3	99.2	99.4	99.3	99.4	99.0
≥ 300 ≥ 200		79.7	84.4	88.4 88.4		95.2	୍ଷ•3 ବ୍ୟ•ି	98.6	99.F	99.1 99.1	99.5 99.5	99.5	99.6 59.6	99.6		99.9 160.3
≥ 100 ≥ 0		79.7	85.4 80.4	તક.4 ∂ક.4	95.5 95.5		95.↑ 93.↑	იშ∙6 იც•6	98 • H	99 • 1 99 • 1	99.4 99.5	99.5	99.6 99.6	99.6 99.6		100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 231

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

U PRO CENTREUDY -- MARCH OF TIT OF TATH -- IFONED MARC

### CEILING VERSUS VISIBILITY

KINDH-NI - ANGL KIN

53-73-19

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURT IST

CEILING			-				VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1,	≥1.4	≥1	≥ '4	≥ 7-0	≥ .	≥5 16	2 .	≥c
NO CEILING ≥ 20000			34.0	25.5 33.1	34.7	47.9		40.0	45.1	45.4 45.4	45.4	41.1	47.5	49.0		
≥ 18000 ≥ 16000		2 € • 2 3 0 • 2	41.	45.0	47.1 47.1	43.4	44.9 43.9	49.6	49.7	75.1 53.1	55.1 55.1	50.4		50.4	11.6	7 z • 1
≥ 14000 ≥ 12000		37.7	46.1	4 . 4	41.9 51.4	52.5		52.1 54.5	29.4 54.9		57.5 55.8	57.1 55.9		56.	54.4 27.4	57.5
≥ 10000 ≥ 9000		4 ; . L	50.4 52.9	5.2.e6 €4.eb	57.1 5:.1	55.4 67.3	59.6 01.6	61.03 62.3	ι^•6 52•€	61.1 63.1	61.° 63.3	61.6 63.6	61.8 63.3	51.3 63.	13.1 55.1	53.€.
≥ 8000 ≥ 7000		43.9	56.4 57.7	52.9 59.9	63.3 65.3	65 • 1 50 • 6		67.3 65.8	69.3	69.3	65.6 7:•1	60.8 71.3		69.1	7 • 3 71•3	1
≥ 6000 ≥ 5000		50 • e	s,s Slel	50.6 53.1	οό•1 6-•6	57 • 3 59 • 5	l [	69.6 72.1			70.5 73.3	71.1 73.6	71.3 73.8	71. 73.	72.5 75.1	73.1 75.5
≥ 4500 ≥ 4000		53.9 55.0	67.3 54.1	64.3 56.1	60.8 72.3	7 • 1 -3 • 6	72.3 74.8	73.3 75.3		1		74.8		75 • 1 77 • 6	76•? 73•8	76.5 79.3
≥ 3500 ≥ 3000		51 53.9		56.8 7.1	73.1 76.6	74 • 3 77 • 3		76.6 20.3	77.1 33.6		77.8 81.5	78.1 81.3			79.6 c3.3	
≥ 2500 ≥ 2000		6	69.1 70.1	71.3 72.3	79.1 30.5			82.5 84.5	83.3 85.1	24.3 86.0	54.5 56.3	84.8 86.5	35.0 35.8	55.3 86.5	50.3 38.3	55.9 98.5
≥ 1800 ≥ 1500		61.1 62.3	71.7	72.6 74.1	81.0 83.0	32.3 84.3		-5.3 -5.3			67. 89.	87.3 89.3		87.5 89.5		
≥ 1200 ≥ 1000		52.8 ±3.3	72.5 13.1		83.5 84.5	64.3 85.8	36.5 88.3	97.8 99.3			۶۱.۰ ۱۰۱۶	89.8 91.3		90. 91.5	91.3 92.9	91.5 93.2
≥ 900 ≥ 800		63.3 63.3	73.1 73.4	75.3 75.3	54.5 85.5	65.8 66.8		89.3 91.0			91. 92.5	91.3	91.5 93.3	91.5	42.9 54.5	93.1 95.
≥ 700 ≥ 600		63.3 63.3	73.	76.3 76.3	85.5 85.5	36.8		91.0 91.0	91.5	92.5	92.8 92.8	93.0	93.3 97.3	93.3 93.3	74.5 94.5	95.7
≥ 500 ≥ 400		63.3 63.3	73.6 77.4	76 • 3 76 • 3	85.5 35.5	36.8 36.8	90.0		91.8	92.8	93. 93.	93.3 93.3	93.5	93.5 93.5	94.8	
≥ 300 ≥ 200		63.3 63.3	73.5 73.5		85.5 85.5		90.0		92.			93.8	94.3	94.		96.5
≥ 100 ≥ 0		63.3 63.3	73.6	76 • 3 76 • 3	35.5 35.5			91.0 91.0			93.8 93.8	94.1	94.3	94.3		95.5

TOTAL NUMBER OF OBSERVATIONS

4.5

USAF ETAC 101 04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3

L MAE CLIMATOERCY PRANCH MERCIFOC FOR ARATHOR SERVICEZMAC

#### CEILING VERSUS VISIBILITY

TS NUMBER THE NUMBER AND STATION NAME

6e-7: ,73-79

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI5	BILITY ST	ATUTE MILI	E5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	2 4	2 1	≥ .	≥ 5 16	2	≥6
NO CEILING		7.7	4 .	4 . 5	44.8	44.5	4 = . 1	4 · 6	45. t	41	4:.6	46	4 .5	45.4	45.3	45.0
≥ 20000		34.7	5 .		5."•	55.D	53.3	53.9	53.6	53.0	57.9	53.9	53.9	3.	54.1	r4.1
≥ 18000		40.4	51.1	51.3	13.6	53.6	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	:4.9
≥ 16000		4 . • ?	51.	1.4	53.8	53.8	54.1	5,4.7	54.9	54.0	54.	54.4	54.9	.4	25.5	55.
≥ 14000		44.4	5	55.7	54.2	55.4	5 - 5	59.3	59.7	54.3	59.3	55.3	59.3	59.5	ÿ <b>α , μ</b>	59.4
≥ 12000		52.7	59.3	59.7	67.4	2.4	62.7	64.	34	64.2	64.7	54.2	04.2	64	64.3	64.
≥ 10000		5 : 4	63.4	±3 <b>3</b> 3	67.0	67.	67.3	68.6	o F . 7	68.7	b# • 7	6: . 7	65.7	68.7	63.9	56.9
≥ 9000		:7 • €	66.7	57.1	7~.4	74.4	10.3	72.	7?.	72.0	17.0	72.2	7".2	72.2	72.3	72.3
≥ 8000		61.5	67.	37.5	73.0	73.0	73.3	74.5	75.	75.0	75.	75.	75.5	75.	75.2	75.
≥ 7000		52.7	7 1	70.6	74.2	74.2	74.5	75.8	76.2	74.3	76.	76.3	76.3	76.3	76.4	70.4
≥ 6000		5 3 . 4	7 . • 9	71.4	75.2	75.2	75.5	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
≥ 5000		2.5.4	7.3.	3.4	77.2	77.2	77.5	78.9	79.4	74.4	79.4	79.4	79.4	79.4	79.6	75.6
≥ 4500		65.0	7:.1	73.6	77.4	77.4	77.7	79.1	70.5	79.6	70.6	74.6	79.5	79.5	79.7	74.7
≥ 4000		63.0	75.1	76.0	8 . 3	- 7 - 3	30.7	82.1	32.9	82.5	\$2.5	82.5	52.5	02.5	<u> 32.7</u>	82.7
≥ 3500		69.3	7 0	77.4	81.1	21.1	81.4	92.9	63.3	33.3	63.3	83.3	63.3	33.3	43.5	ع د د
≥ 3000		71.4	79.4	79.9	8.73	3.8 €	34.1	₹5.5	86.€	86.0	86.5	86.3	85.3	86.3	86.2	30.7
≥ 2500		72.5	81.1	21.6	86.2	85.0	86.3	27.7	88.7	88.2	28.2	88.2	88.2	89.2	×9.4	
≥ 2000		23.3	87.7	83.2	37.0	87.9	38.5	89.3	92.3	90.6	90.5	90.6	92.6	90.6	93.7	9
≥ 1800		73.4	52.0	33.3	38.1	23.1	3P . 4	89.9	90.4	90.7	90.7	95.7	11.7	90.7	99.9	200
≥ 1500		74.1	83.A	34.6	69.3	29.6	9".1	91.8	92.3	92.6	92.6	92.6	9 6	92.5	92.8	92.8
≥ 1200		75.0	£ 5 • 2	50.	90.7	0	91.5	93.2	93.7	94.	94.	04.0	94.0	94.0	94.2	94.2
≥ 1000		75.0	3	36.0	91.7	22.0	92.6	94.3	95.0	95.4	95.4	95.4	95.4	95.4	95.6	95.6
≥ 900		75.8	86.0	56.8	91.7	92.	92.6	94.3	95.	95.4	95.4	95.4	95.4	95.4	95.5	95.8
≥ 800		15.3	86.7	86.9	91.8	92.1	92.8	94.5	95.1	95.6	95.6	95.6	95.6	95.6	95.3	95.9
≥ 700		75.3	86.6	36.9	51.8	92.1	92.6	94.5	95.1	95.€	95.9	95.9	96.1	96.1	96.7	26.4
≥ 600		-5.8	86.0	37.1	92.0	02.3	92.9	94.7	95.3	95.9	96.1	96.1	96.2	96.2	96.4	96.
≥ 500		75.8	86.2	37.1	92.1	2.8	93.4	95.3	96.2	96.9		97.0	97.2	97.2	97.5	97.6
≥ 400		75.8	85.2	67.1	92.3	92.9	97.6	95.4	46.4	97.	97.2	97.2	97.3		97.6	
≥ 300		75.9	86.	37.1	92.3	62.9	93.6		96.4	97.	97.5	97.5	97.8		98.3	90.6
≥ 200		75.0	86 .	67.1	0.3	92.9	93.6	95.6	96.5	97.2			98.1	98.C	98.4	99.1
≥ 100		75.8		47.1	93.5		93.7	95.8	96.7	97.3			98.3		93.9	79.
≥ 0		75.3	85.7	87.1	92.5	93.1	93.9		96.9	97.5		90.	98.4	98.4	99.1	

TOTAL NUMBER OF OBSERVATIONS
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USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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E SU CLINATOLADA GRANCH TIPATA PATRI O SERVICIZADA

### CEILING VERSUS VISIBILITY

ON JOYAL THEND N

90-70,73-79

1257-1475 HOURS 151

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.7	≥ 2	≥to	≥1%	≥1	≥ ¼	≥ ′′0	≥ ′7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		4	5' • . 0 • e	5. • 5 5. • 9	51.7	51.7 52.2	51.7 52.2	£1.7	51.7	51.7 52.2	51.7	51.7 62.2	51.7	31.7 62.2	51.7	-1.7 (4.2
≥ 18000 ≥ 16000		50.5	61.1	1.1	62.7	62.7	12.3 52.7	62.3 62.7	62.3	62.3		62.3		1	02.3 62.7	62.3
≥ 14000 ≥ 12000		£1.4	54.1 63.	54.4 54.4	65 <b>.7</b>	45.7 70.5	55.7 74.6		65.7 7:.6			65.7 73.6			65.7 75.6	1
≥ 10000 ≥ 9000		/:.1 /2.5	73.1	77.4 75.8	75.6 78.0	75.6 75.3	75.6 73.	75.6 78.0	75.6 79.0	75.6 78.0	75.6 78.	75.6	75.6 74.J			75.6 78.0
≥ 8000 ≥ 7000		74.2 75.7	75.3 80	75 • 6 3 · • 5	30.9 92.6	1	81.2 83.1	°1.3	81.3 83.2	81.3 83.2	81.7 83.2	81.3 83.2	51.3 33.2	51.3 93.2	51.3 53.2	71.3 53.2
≥ 6000 ≥ 5000		77.1 73.8		81.0 82.9	23.2 85.1	83.2 35.1	33.5 35.4	∂3.7 85.6	93.7 05.6	83.7 95.6	83.7 85.6	83.7 85.6		33.7 85.6		35.7 25.6
≥ 4500 ≥ 4000		79.3	80.0	53.1 25.1	55.3 57.3	25.3			85.8 87.8	85.8 87.8		1	35.8 27.8	95.8 87.8	85.8 87.8	45.6
≥ 3500 ≥ 3000		22.4 72.7		96.7 33.3	89.1 9".7	39.1 90.7	89.4 91.0	89.6 91.1	39.6 91.1	89.6 91.1			ł	89.6 91.1	89.6 91.1	59.6 91.1
≥ 2500 ≥ 2000		85.3	8°.7 92.7	?:.2 ?3.5	96.F	46.2	93.0 96.5	93.2	93.2 96.7	93•2 9 <b>6•7</b>			93.2 95.7	93.2 96.7		93.2 96.7
≥ 1800 ≥ 1500		27.3	90.7 94.	93.5 94.6	96.2 97.5	25.4 97.6	96.7 98.3	76.8 98.4	96.5 98.4	96.5 98.4		96.3 98.5			96 • 8 98 • 6	96.6 98.6
≥ 1200 ≥ 1000		3.9 29.2	94.	95.3	93 • 1 92 • 6	90.3 98.7	99.1 99.7	99.2 99.8	99.2 99.8	99.2 99.8	99.4 1(0.0		-	99.4 100.0	99.4 100.0	99.4 100.0
≥ 900 ≥ 800		39.2	94.4	95•7	98.6 98.6	36.7	99.7 99.7		99.8		130.∩ 180.⊹	100.0		190.0 180.2	188.8 189.8	100.0 100.0
≥ 700 ≥ 600		85.3 89.3	94.4	95.7 95.7	98.6 98.6		99.7		99.8 99.8			100.0 100.0	,	190.8 180.8	168.5 168.5	196.0 108.8
≥ 500 ≥ 400		89.2	94.9	95 <b>•7</b> 95 <b>•7</b>	98.6 98.6	- 1	99.7 99.7	49.8	99.8	99.8		100.0			150.0 100.0	100.0 100.0
≥ 300 ≥ 200		39.2 89.2	94.9		98.6	98.7 98.7	99.7 99.7					100.0 100.0			100.0 100.0	
≥ 100 ≥ 0		89.2	94.9			98.7 98.7									100.0 100.0	

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SECRETAR CLIMATOLIGY BRANCH CONTINUES FOR THE SERVICE ZMAC

### CEILING VERSUS VISIBILITY

STATION NAME

65-70.73-79

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 -1711 HOURS 151

CEILING							VIS	BILITY ST	ATUTE MILI	ES-						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 2	≥1 %	≥1	≥	≥ '⁄a	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		1	5,2 • ? 64 • i	7.7 • 3 3 • • 2	50.3 64.2	52 <b>.3</b>	54.2	:2.3 64.2	12.7 64.2	52.3 64.2	52.3 64.2	12.3 64.2	57.3 64.2	52.3 64.2	£4.2	52.3 (4.3
≥ 18000 ≥ 16000		53.1	54.7 63.	54.7 63.3	64.7 c 5.3	64.7 35.3	64.7 55.3	64.7 65.3	64.7 65.3	64.7 65.3	64.7 05.7	64.7 55.3	64.7	64.7 65.3	64.7 55.3	64.7
≥ 14000 ≥ 12000		64.7 63.3	67.1 70.7	57•1 7:•7	57.1 77	57 • 1 7 • 7	67.1 75.7	67.1 70.7	67.l 70.7	67.1. 70.7	67.1 72.7	67.1	67.1 70.7	67.1	67.1 70.7	67.1 70.7
≥ 10000 ≥ 9000		71.6	74.5 77.3	74.5 77.3	74.6 77.9		74.6 77.0	74.6 77.9	74.6 77.9	74.6 77.9	74.6 77.9	74.0 77.9	74.6	74.5 77.9	74.6 77.9	74.€ 77.9
≥ 8000 ≥ 7000		77.7	8 • ÷	33.0 33.0	61.7 34.4	31.7 24.4	81.7 84.4	81.7 34.4	81.7 84.4	81.7 84.4	31.7	81.7 84.4	81.7 84.4	81.7 84.4	81.7 64.4	91.7 64.4
≥ 6000 ≥ 5000		.0.8 27.⊾	5 5 6 85 • 7	54.0 35.4	34 • 7 86 • 2	64.7 85.2	94.7 56.2	54.7 26.2	34.7 36.7	54.7 86.2	84.7 86.2	84.7	84.7 86.2	84 • 2 86 • 2	84.7	ν ο. φ υ φ υ φ ω
≥ 4500 ≥ 4000		33.3	35.5 39.9	36.9 39.9	37.6 9.8		37.6 9^.8	87.6 90.8	87.4 90.0	37.6 96.8	57.6 90.8	87.6 90.8	87.6 90.8	87.6 93.8	57.6 90.9	F7.6
≥ 3500 ≥ 3000		37.6 85.6	91.2 93.0	91.5	90.4 90.4	97.4	92.4 94.4	92.4	92.4	92.4	92.4	92.4	92.4 94.4	42.4	92.4	94.4
≥ 2500 ≥ 2000		92.3 91.5	93.4 95.5	94.2	95.9	90.9	95.3 97.1	93.3	95.3 97.1	95.3 97.1	95.3 97.1	95.3 97.1	95.3 97.1	95.3 97.1	95.3 97.1	95.5 97.1
≥ 1800 ≥ 1500		91.5	93.5 96.6	95.9 96.9	96.9 93.4	96.9 95.4	97.1 98.6	97.1	97.1 93.6	97.1	97.1 98.6	97.1 98.5	97.1 38.6	97.1 58.5	97.1 98.6	97.1 98.6
≥ 1200 ≥ 1000		03.2	98.9 97.1	77.5	90.3	99.3	99.6 99.8	99.6	99.6	99.6 99.8		99.6	99.6 99.8	99.5 99.8	99.5	99.6
≥ 900 ≥ 800	-	93.2	97.1 97.1	97.5 97.5	90.3	99.5	99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.8	99.8 99.3
≥ 700 ≥ 600		93.3	97.3 97.3	97.7	99.5	99.6	1.0.0	1(0.0	100.0	_	100.8		0.03	100.0	196.0	
≥ 500 ≥ 400		93.3	97.3	97.7	99.5	29.6	10.0	100.0	130.5 100.0	100.0	100.0	105.0	100.0	100.6	135.D	100.0
≥ 300 ≥ 200		73.3	97.3	97 <b>.7</b> 97 <b>.7</b>	9°.5				100.0 150.0							
≥ 100 ≥ 0		93.3	97.3	97.7	99.5 99.5		-		100.0 100.0							

TOTAL NUMBER OF OBSERVATIONS 5

USAF ETAC FORM 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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THE HAR CETANTHENCY TRANSHIP OF TRANSHIP OF THE STANSHIP OF THE STANFORM OF TH

### CEILING VERSUS VISIBILITY

K NON-NI PANGE KU

6c-19,73-17

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
HOURS 157
HOURS I ST

CEILING		VISIBILITY (STATUTE MILES)														
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.7	≥ 2	≥172	≥1%	≥1	≥ 3/4	≥ 1/0	≥ יי	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000		42.5 51.2	45.7 53.2	#6.1 35.5	47.6 57.3	47.8 37.5		43.1 57.9	44.1 55.0	48.2 58.0	48.2 58.0	40.2 50.1	4 .2 58 • 1	46.2 58.1	4º.5	47.4 55.4
≥ 18000 ≥ 16000		1.6 51.0	55.9 55.9	56.3 56.3	57.7 53.0	57.9 54.2	18.1 53.4	58.5 58.7	58.5 58.8		58.6 58.5	58.6	58.6 58.9	55.0 55.9	55.9 59.1	54.2
≥ 14000 ≥ 12000		54.6 57.5	58.7 62.2	:9.1 62.3	67.9 64.8	51.1 55.3	51.4 55.3	61.8 65.8	61.8 65.9	61.8 66.0	61.7 66.1	61.0 65.1	61.9 60.2	61.9 66.2	62.7 56.4	62.3 66.5
≥ 10000 ≥ 9000		51.9 64.4	65.7 6°.3	67.2 69.9	69.6 72.4	69.8 72.5	70.1 72.9	70 • 5 73 • 4	77.7 73.5	70.8 73.6	7 . F 73.7	70.7	77.9 73.8		71.2 74.3	
≥ 8000 ≥ 7000		57.1 68.5	72.4	73.0 74.7	75.7 77.6	76.0 77.8	76.4 78.2	76.9 78.5	77.2 79.	77.3 79.1	77.3 79.1	77.3 79.2	77.4 79.2	77.4 79.2	77.7 79.5	77.5 79.6
≥ 6000 ≥ 5000		59.3 71.1	74.7 76.0	75 • 3 77 • 3	73.2 51.1	73.4 2 <b>3.4</b>	73.8 30.8	79.5 31.4	79.7 31.6	79.8 51.7	79.3 81.8	79.9 81.5	79.9 31.8		8: ±2 82:1	9 . T 62.2
≥ 4500 ≥ 4000		71.7 74.1	77.3	77.9	8 .8 83.5	1.0 33.7	31.4 34.1	22.1 84.8	82.3 85.0	82.4 85.1	87.4 85.1	82.5 85.2	82.5 55.2	52.5 35.2	52.8 55.5	82.9 83.6
≥ 3500 ≥ 3000		75.0	87.4 33.4	31.7	34.8 67.1	55 27.3	85.4	86.0 88.4	მნ•ე მმ•ე		85.4 88.0	86.4 86.8	36.5 88.9	96.5 88.9	86.7 89.1	85.3 89.2
≥ 2500 ≥ 2000		75.3	34.6 86.5	35.3	58.9 91.1	89.2 91.4		91.3 92.6	90.5 92.9		90.7 43.2	95.8 95.2		90.5 93.3	91.1 93.5	91.2 93.6
≥ 1800 ≥ 1500		74.7	80.0	37.4 38.7	91.3 92.8		93.8	≎2.9 94.6	93.1 94.8	95.1	95.1	93.4		93.5 95.2	93.8 95.5	°3.€ 95.€
≥ 1200 ≥ 1000		1.5	89.4 89.	39.4 39.9	94.2	94.7	95.6	_	_	96.9	96.1 97.	96.2	97.1			97.5
≥ 900 ≥ 800		51.7 31.7	89.7	90.9 90.2	94.2	94.0	96.7	96.7		97.3				97.1 97.5		Ī
≥ 700 ≥ 600		61.8 31.3	89.1 89.2	90.2 95.2	94.5	94 • 9 95 • 0		96.8		97.4	97.5 97.5		97.7			95.1
≥ 500 ≥ 400		Fl.8	89.2 89.2	9 • 2 3 • • 2	94.6	75.1 95.1	96.2 96.3		97.4	97.8 97.8	97.9		98.1	98.1	98.3	98.5
≥ 300 ≥ 200		31.8	89.7 89.2	91.•2	94.7 94.7	°5•1	95 • 3 96 • 3		97.5 97.5	98.0	98.2	98.2	98.4		98.7 98.3	99.3
≥ 100 ≥ 0	···· —	81.3	89.2 89.2	90.2 90.2	94.7 94.7	95•2 95•2		97.1 97.2	97.6 97.6		98.2 98.3	98.3 98.3		98.5	99.1	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 222

USAF ETAC FORM O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SHIPAL CLIMATOLGUY RRANCH U DELTAC EL- NEATHER SERVICE/MAC

Use With A Co

#### CEILING VERSUS VISIBILITY

TATION NAME TO STATION NAME

63-70,73-79

SUN-Cont

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIDNG		VISIBILITY :STATUTE MILES-														
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥17	≥1%	<u>≥</u> 1	≥ 34	≥ '•	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		40.0	4 1 • 4 5 3 • 9	40.5 55.2	54.3 6 . 7		1 1 1	57.5 63.9	58.0 64.3	59.1 65.7	59.5 66.1	59.5 66.1	6 .5 67.0	60.5 67.5	67.7	51.t
≥ 18000 ≥ 16000		47.	54 • 1 54 • 1	55.5 55.5	6 .9		53.4 53.4	64.1	64.5	65.9	66.4	66.4	67.3 67.3		58.0 58.0	68.6 60.6
≥ 14000 ≥ 12000		47.5 99.3	55.7 57.7	50.6 53.5	63.2	52.7 55.9	64.5 57.7	65.2 68.4	65.7	67.5 7.5	67.5 7	67.5 70.9	65.4 71.8	68.4 71.€	69.1 72.5	69.8 73.2
≥ 10000 ≥ 9000		50.i 2.0	60.	51.6 52.7	67.3 69	o8.5 39.5	69.8 71.4	79.5 72.0	70.9		73. 74.5	73.0 74.5	73.9 75.5	73.9 75.5	74.5 76.1	75.2 76.8
≥ 8000 ≥ 7000		54.1 55.6	53.3 55.2	5،5.5 67.5	71.8	72.5 75.5	74.3 76.8	75.2 77.7	75.7 78.2	77.3 79.8	77.7 81.2	77.7	78.6	78.6 \$1.1	79.3 91.8	5( 82.5
≥ 6000 ≥ 5000		75.1 56.4	© 3 •	67.3 c±.6	74.5 76.1	75.2 76.8		78.2 79.8	78.6 30.7	80.7 82.3	81.1 82.7	81.1 82.7	67.0 63.6	82.J 83.6	82.7 84.3	83.4 65.
≥ 4500 ≥ 4000		55.4 57.0	66.3 67.7	65.5 59.5	76.1 77.0	76.8 77.7	1	79.8 80.7	80.2 81.1	92.3 93.2	82.7 83.6	82.7	53.6 34.5		34.3 35.2	85." £6.1
≥ 3500 ≥ 3000		55.6 56.5	6°.7	71 • 1 72 • 7	72.6 80.5	79.3	31.4 83.4	72.3 84.3	82.7 84.8	84.3 36.8	85.2 87.3	85.2 87.3	36.1 85.2	86.1 88.2	86.8	67.7 89.8
≥ 2500 ≥ 2000		11.03	73.0 73.0	74 • 8 75 • 2	83.2 93.6	53.9 14.3	36.1 06.6	87.0 88.0	87.5	89.5 90.5	90.1 90.9	93.0 98.9	90.9 91.8		91.6 92.5	92.5
≥ 1800 ≥ 1500		62. 62.7	73.2 73.9	75.2 <b>7</b> 5.9	83.6 84.3		86.6 37.3	88.0 38.9	38 • 4 89 • £	90.5 91.6	90.9 92.3	90.9 92.3	91.8 93.4	91.8 93.4	92.5 94.1	93.4 95.1
≥ 1200 ≥ 1000		63.2	74 • 1 74 • 3	76 • 1 76 • 4	84.5 84.8	35.2 ຄ5.5	87.5 37.7	89.1	90.0	92.3 92.7	92.7 93.2	92.7 93.2	93.9 94.3	93.9 94.3	94.5	95.5
≥ 900 ≥ 800		43.2 63.2	74.3 74.3	76.4 76.4	84.8 84.8			89.3 89.3	90.2 90.2		93.2 93.2	93.2 93.2	94.5	94.3	95.0 95.2	95.6
≥ 700 ≥ 600		53.2 53.2	74.5 74.5	76 • 6 76 • 6	85.0 85.0	35.7 85.7	68.0 88.0	89.5 89.5	90.5 90.5		93.4 93.4	93.4	94.8	94.8	95.5 95.5	96.8
≥ 500 ≥ 400		63.2 63.2	74.5 74.5	76 • 6 76 • 6	85.0 0.25	85 <b>.7</b> 85 <b>.7</b>	88.0 88.0	89.5 89.5	90.5 90.5	1	93.4 93.4	93.4	94.8 95.0		95.5 95.7	95.5 97.5
≥ 300 ≥ 200		53•2 63•2	74.5	76 • 6 76 • 6	85 • 2 55 • 2	35.9 85.9		89.8 89.8	90.7 90.7		93.6 93.6	93.6 93.6	95.2 95.2		95.9 96.1	98. 93.5
≥ 100 ≥ 0		53•2 53•2		76 • 6 76 • 6	85 • 2 35 • 2	35.9 55.9		89.8 89.6	90.7		93.6 93.6	93.5			96.1 96.1	99.1 133.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOUY GRAGON THE COST - CARPAIC MAKE

T<sup>m</sup> A

## CEILING VERSUS VISIBILITY

73 P TOM - NOT - NOT - NOT STATION NAME

5:-7:,73-79

707-1100 Hours (\$1

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING			-				VIS	IBILITY - ST	ATUTE MIL	ES-		_				
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1/2	≥1'₄	≥۱	≥ ⅓	≥ %	≥ '7	≥5 16	≥.	≥0
NO CEILING ≥ 20000		.5.1	54.4	55 . J	67.8 66.7		62.3	62.7 65.8	62.7	60.9	69.1	63.0 69.1	53.°	69.1	57.0 69.7	63.3
≥ 18000 ≥ 16000		35.4	6 .	56.8 61.1	67.3	56.1	64.9	69.4 69.7	69.4	69.5 69.6	69.7 70.0	69.7 70.0	59.7 75.0	69.7	69.9	71.01 70.4
≥ 14000 ≥ 12000		56.9	6.2 • 1 65 • 1	03. 55.1	u <sup>∩</sup> •3	73.3	71.5	71.9	71.9	72.1 75.6	72.2	7: • 2 75 • 8	72.2	72.2	72.4	72.7 76.2
≥ 10000 ≥ 9000		61.1	67.5 68.4	65.3 67.5	75.8	76.5	77.6	78.J 78.9	78.1 78.9	76.3 79.2	78.5	78.5		78.5 79.3	78.6 77.5	78.9 79.6
≥ 8000 ≥ 7000		53.7 54.2	70.4 71.8	71.6	79.3	80.1	51.7	82.2	81.6	31.9	82.6	82.6	62.j	82.°	00°€ 22°€	-2.5 52.1
≥ 6000 ≥ 5000		55.2 56.2	72.4	73.3	81.0 84.0	31.7	82.8	83.2 96.5	#3.2 86.5	33.7 86.9	83.5	83.8		33.2	34.1	34.1 87.5
≥ 4500 ≥ 4000		50.1 70.1	75.0 77.	77.1 7:.2	₹4.8	é 5 <b>•</b> 5	36.8	37.4	87.4	87.8	88 . t	38.	89.5 39.6	88	96.1 59.2	87.5
≥ 3500 ≥ 3000		71.5	7a.3	79.5	67.2 39.3	43.0 90.0	39.2	99.7	89.7 91.8	96.3 92.3	90.3	9C • 3	97.3	90.3 92.4	93.5 92.6	30.€
≥ 2500 ≥ 2000		73.5	81. 31.4	82.3 32.8	9 . 5		92.6	93.2	,	93.6	93.E	93.8	93.8	93.0	93.9	94.2
≥ 1800 ≥ 1500		74.3	81.4 81.6	32.8	9 .9		93.3	94.7	94.1	94.5	94.7 95.5	94.7	94.7	94.7	94.8	95.1
≥ 1200 ≥ 1000		74.4	81.6	83.1	91.2	92.3	93.8	94.7	94.5	95.4	95.5	95.5		95.5 96.0		95.0
≥ 900 ≥ 800		74.6	81.7	33.1	91.4	92.4	93.9	94.8	95.1	95.7 95.7	96.0	96.0 96.0	96.0 96.0	96 - i'	96.3	96.6
≥ 700 ≥ 600	,	74.6	81.9	93.2	91.7	92.7	94.2	95.1 95.2	95.4 95.5	96 96.1	96.3	96.3	96.3	96.6	96.6 96.9	56.9
≥ 500 ≥ 400		74.6	81.9	₹3.2 83.2	91.7 91.7	92.7	94.4	95.2	95.5 95.5	96.1	96.6 96.6	96.7		96.9	97.2 97.6	97.5
≥ 300 ≥ 200		74.6	81.9	83.2 33.2	91.7	92.7	94.4	95.2	95.5	96.1	96.7	97.0	97.2	97.3	97.8 98.8	94
≥ 100 ≥ 0		74.6	81.7	83.2	91.7	92.7	94.4	75.2	95.5	96.3	96.9	97.2		98.1	98.8	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 67

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

SEUFAL CELMATOLOGY BRANCH CHAFETAC ATA ACATHON SERVICEZMAC

### CEILING VERSUS VISIBILITY

TS KOON-NI PANGE KO

63-75,73-79

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY IST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 2	≥ 2	≥17	≥1 %	≥1	≥ 1,4	≥ '•	≥ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		5	62.3 71.	5 ° 6	64.4 72.6	54.4 72.6	1		64.8 73.1	64.8 73.1	64.2 73.1	64.8 73.1		64 • c 73 • 1	64.9 73.1	64.8 73.1
≥ 18000 ≥ 16000		67.2	7 · " 71 •	71.4 71.6	73.5 73.7	73.5 73.7		74.3 74.4	74.3 74.4	74.3	74.3	74.3 74.4		74.3 74.4	74.3	
≥ 14000 ≥ 12000		7 1 • 3 7 2 • 2	74. 79.6	74 • o	76.7 79.6		77.2 30.0	77.5 30.3	77.5 80.3	77.5	77.5 of.3	77.5 85.3	77.5 60.3	77.5	77.5	77.5
≥ 10000 ≥ 9000		75.5 75.3	74.9	50.8 32.1	82.9		83.4	93.7 85.0	83.7 65.	83.7 85.4	83.7 85.0	83.7	23.7 85.3	93.7 85.0	85.0	83.7
≥ 8000 ≥ 7000		76.5	81.1	83.8 35.0	85.9 87.1	55.9 87.1	86.4 37.6	26.7 27.9	85.7			86.7		86.7	86.7	86.7
≥ 6000 ≥ 5000		R5.9	8°. 3	36.2 88.0	98.4	58.4 90.2	88.8 90.6	89.1	89.1 90.9	89.1 90.9	80.1 90.9	89.1 93.9	80.1 99	89.1	89.1 90.9	89.1
≥ 4500 ≥ 4000		54.6	87.1	89.1	91.2	91.2		92.9	92.0	92.1	92.0	92.0			92.5	92.1
≥ 3500 ≥ 3000		37.3	9	31.1 92.9	93.2 95.0				93.9	93.9			93.9	95.5	93.9	93.9
≥ 2500 ≥ 2000		89.3	93.5	94.4	96.8	96.8	97.4	07.7 98.5	97.7 98.5	97.7		97.7	97.7 98.5	9 <b>7.</b> 7	97.7	
≥ 1800 ≥ 1500		99.5 39.7	94.5	95.5	93.0	98.7	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200 ≥ 1000		39.7 90.2	94.7	95.6	93.2		98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900 ≥ 800		90.2	95.3	96.2 ₹6.2	98.8	9€.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600		92	95.3	96.2	98.8 98.8	98.8	99.4	100.0	160.0	100.0	100.0	100.0	100.0	100.0	130.0	130.5
≥ 500 ≥ 400		90.2 98.2	95.3	96•2	98.8	98.8 98.3	99.4	ם.טי ו	100.0	100.0	100.0 160.0	100.0	100.0	150.0	100.0	100.0
≥ 300 ≥ 200	_	90.2	95.3	96.2 96.2	98.8	98.8 98.8	99.4	10.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0		90.2	95.3 95.3	96 • 2 96 • 2		98.8 73.8	99.4	100.0	លោក ១	100.0	100.0 100.0	100.0	100.0	100.0	00.0	185.0

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

THE AL CLEMATOLDBY ERANCH UNINITAC ALE MATHIN SERVICIZMAL

# TEST ANTHON TO CEILING VERSUS VISIBILITY

4 7 7 3 A 2 CN - N 1 - A N TE K 3

48-7",73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IS

CEILING							VIS	BILITY ST	ATUTE MIL	ES-						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1:;	≥1%	≥1	≥ ¼	ه,	≥ >	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		53.2 67.6	έ . 6 68 . i.	52•4 68•8	61.3 69.7	1	69.7	51.3	61.3 59.7	61.5	61.7	61.3 69.7	69.7	61.7 69.7	69.7	:1 • 3
≥ 18000 ≥ 16000		69.7 69.5	7.7.8 70.8	70.4 77.8	71.8	71.8	71.8 72.2	71.8	71.3	71.8	71.c	71.3 72.2	71.3 72.2	71 • = 72 • 2	71.º 72.2	
≥ 14000 ≥ 12000		75.2	74.5 77.1	74.5 77.3	75.9 73.7	75.9 73.7	75.9	75.9 73.7	75.4 73.7	75.9 75.7	75.0 78.7	75.9 79.7	75.9 76.7	75.9 78.7	75.9 73.7	75.9 78.7
≥ 10000 ≥ 9000		78.9		31.3 82.4	32.7 83.9	82.7 33.8	32.7 33.8	62.7 33.6		62.7 83.9	62.7 53.3	82.7 83.3	82.7 83.8	82.7	82.7 83.8	82.7 83.5
≥ 8000 ≥ 7000		52.4 34.2	84.7 86.4	44.9 30∙6	გც.3 გვ.ე	26.3 06.0	96.3 18.0	36.3 8€.3	86.3 35.0	£5.3	86.3 88.:	80.3 86.	86.3 88.0	86.3 58.	86.3	₹6.3 38.00
≥ 6000 ≥ 5000		54.3 55.2	86.5 87.9	35.8 35.0	98.2 89.4	]	38.2 89.4	28.2 59.4	89.4	85.4	88.2 39.4	98 • 2 89 • 4	59.4	58.5 89.4	58.2 39.4	38 • 2 89 • 4
≥ 4500 ≥ 4000		95.7 6 <b>7.9</b>		98.6	92.4		90.0 92.4	90.3 92.4		92.4	93.5 92.4	92.4	90.3	90.d	92.4	1
≥ 3500 ≥ 3000		89.3	95.2	95.6	93.8 97.	27.0	93.8 97.0	93.8 97.0	93.8 9 <b>7.</b> 0	93.8 97.0	93.0 97.0	93.8 97.0	93.8 97.0	93.3 97.0	93.8 97.5	37.
≥ 2500 ≥ 2000		93.3 94.2	97.7	98.1	99.5	1	98.6 99.5	99.5	98.6	93.5	98.6 9 <b>9.</b> 5	98.6 99.5	98.6 99.5	98.6	98.6 9 <b>9.</b> 5	99.5
≥ 1800 ≥ 1500		94.2 94.4	97.0	99.1 35.2	99.6	79.6	99.6	99.5	99.6	99.5 99.6	99.6	99.5	99.5	99.5		
≥ 1200 ≥ 1000		94.4		98.2 99.0	97.6 100.0	99.6 130.0	99.6 130.1	09.6 100.u	99.6 100.	99.6 100.0	99.6 100.6	100.0	99.6 138.0	99.6 130.6	99.6 130.5	l
≥ 900 ≥ 800		94.7	98.2 98.2			100.0				100.0 100.0					160.0 160.0	T 1 T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
≥ 700 ≥ 600		94.7 94.7	98.2			100.0										Γ (
≥ 500 ≥ 400		94.7	93.7 98.7	93.6 95.6	107.0	100.0	100.0	100.0	100.n	100.0	100.0	100.0	100.0	130.6	100.0	103.0
≥ 300 ≥ 200		94.7	98.7	93.6	103.0	100.0	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	190.9	106.0
≥ 100 ≥ 0		94.7	98.2 98.2			120.9 100.0										

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CONTACT CERMATOLOGY BRANCH UPARTIAC TAC MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3 A ON-11 RANSE KO

6n-79,73-79

ALL

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY -ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥ιγ	≥1 a	≥1	≥ ¼	≥ >₂	≥ :	≥ 5 16	≥ .	≥0
O CEILING		57.2		27.4	υ j•7	51-1		62.	€?•	£ 3	02.4	62.4	: 1	62.6	62.7	52.5
≥ 20000		19.7	6 7 . "	5,4 . 3	5 · · !	63.3		69.3			64.6	59.8		70	70 <u>.2</u>	70.4
≥ 18000		* 3 • t	6 -	65.1	_69•3	59.3	70.0	70.4	70.5	76.8	70.9	7^.9	71.1	71.1	71.2	71.4
≥ '6000 ;		÷ • 7	54.	33.3	57.2	£9.5			70.7	71.0	71.1	71.1	71.3	71.3		71.6
≥ 14000		[ 5.2 • 7]	67.	67.8	71.8	72.1	72.8	73.2	73.3	73.6	73.7	73.7	73.9	73.9	74.	74.5
2 12000		1 • د	03.0	7 . 6	74.8	75.1	75.2	76.3	75.3		76.9	70.9	77.0	77.	77.2	77.4
2 10000		67.5	7	73.9	77.9	78 • 2	79.0	79.3	79.4	79.0	79.5	79.9	87.1	50.1	50.3	30.5
≥ 9000		33.65	74.	74.9	79.1	79.4	<u> 5 - 2</u>	80.5	30.6	81.0	31.1	81.1	٤ <b>1.</b> 3	£1.3	31.5	81.7
≥ 8000		7	76.1	77.1	81.5	31.3	82.6	83.5	ა3•′	83.4	83.5	83.6	d3.7	83.7	83.9	54.1
≥ 7000		1.7	77.4	70.4	87.9	33.2	54.7	24.4	84.5	84.8	35.1	85.3	85.1	85.1	55.3	95.5
± 6000		72.4	70.1	77.3	8 3 . 6	(3.9	84.8	85.1	05.2	65.7	85.9	25.9	36.0	86.	86.2	80.4
.: 5000		7400	80.0	11.0	35.6	45.9	86.8	87.2	87.3	87.8	87.0	87.9	85.1	88.1	63.3	38.5
1 450C		74.7	50.7	31.7	36.3	36.6		87.9	85.	88.5	65.6	88.6	88.8	58.6	38.9	89.0
2 4000		75.	82.0	33.0	97.6	87.9	58.8	39.2	89.3	89.8	89.9	89.9	90.1	90.1	90.3	90.5
3500		77.5	83.3	14.3	58.9	89.2	90.1	90.5	90.6	C1.1	91.2	91.2	91.4	91.4	91.6	91.8
2 3000		-5.1	85.4	26.4	91.1	91.5		92.8	92.9		93.5	93.5	93.7	93.7	93.9	94.1
2 2500		10.5	36.8	37.9	92.9	+3.2		94.6	94.7	95.2	95.3	95.3	95.5	95.5	95.7	
2 7000		21.	87.4	38.5	93.5	93.3		I		1 1	96.1	96.1	1	96.2		96.7
2 800		-1.1	47.2	35.0	93.6	94.1	25.0	95.6	95.7		96.4	96.4		96.5	96.7	
2 1500		21.4	87.8	)	1	94.4			96.3			97.0		97.2		
≥ 1200		71.4			94.0	64.4	_	96.1	96.4	-	97.1	97.1	97.3			
<b>≟</b> 1000		-1.7		30.3	94.3	94.7		96.5			97.5		1	97.7		
≥ 900		11.7		10.3		94.7		76.5	96.7		97.5	97.5		97.7	98.0	
≥ 800		-1.7	89.	89.3	94.3	44.7	95.8	96.5	96.7		97.5	97.5		97.8		98.3
≥ 700		21.7	89.3	80.4	24.4	04.9		96.6	96.9		97.7	97.7	98.0	98.0	98.2	
≥ 600		E 1 . 7	85.3	9 2 4	94.4	74.9			96.0		97.7		98.0	98.0	99.2	-
≥ 500		1.7	88.3	39.4	94.4	94.9		96.7	96.9			97.8	98.1	98.1	08.3	
≥ 400		51.7	89.5	39.4	94.4	24.9		1	96.9			97.9		98.2	98.5	
≥ 300		31.7	89.3	89.4	94.5			96.7	97.0	97.6	97.9	98.5			98.6	
≥ 200		21.7	88.3	99.4	94.5	64.9		96.7	97.0				98.5		98.9	
				89.4				96.7		97.7	97.9			58.5	98.9	
≥ 100		81.7			- 1	_		96.7					98.5			

TOTAL NUMBER OF OBSERVATIONS 234

USAF ETAC FORM IN 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

## CEILING VERSUS VISIBILITY

STATION NAME TO STATION NAME

35-71, 73-79 YEARS

6 1.D = 1. 25

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY IST	ATUTE MILI	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 >	≥ 2	≥179	≥1%	≥1	≥ ¾	≥ %	≥ '7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		41.5	49.5	47.5	50.4 53.5		53.7 55.8	54.9 53.3	- 1			53.8 59.7	55.8 59.7	\$5.3 \$9.7		57.2
≥ 18000 ≥ 16000		84.4 44.4	5 1 5	51.1 51.8	54.2 54.9		57.5 58.2	-	ა9.7 66.4		•	1	۰.4 1.1 ن	09.4 61.1	60.9	(1.d 62.5
≥ 14000 ≥ 12000		4°.6	51. x 52. 7	52.5 53.7		56.6 53.3		61.4 61.8				62.1 63.5		62.1 63.5	, .	63.5 64.9
≥ 10000 ≥ 9000		45.7 48.7			53.7		62.5 53.5	63.7 64.7					65.4	65.4		65.5 67.8
≥ 8000 ≥ 7000		34.6 51.3		57.8 50.9	61.6 63.0		65.6 67.1	66.3 68.3			68.3 69.7				59.0	71.4
≥ 6000 ≥ 5000		54.9	5°•5	59.4		1	67.8 11.4		39.9 73.5				7 .6		71 • 1 74 • 9	
≥ 4500 ≥ 4000		55.7	62.1 64.2	53.0 65.4	70.6	71.3	75.2	75.6	77.6	7 c .	78.3				75.9 19.2	
≥ 3500 ≥ 3000		7.4.4 6.5	1	67.3 70.9	77.8 77.6		77.3 82.3						81.6 86.6		92.1 87.1	1
≥ 2500 ≥ 2000		66.1		73.3 75.4	81.4 32.8		37.6	99.3	90.2	91.2	91.6	91.9	89.7 92.4		93.2 92.3	
≥ 1800 ≥ 1500		66.1 56.3		75.4 73.7					90.7	91.6		92.4		°2.4 92.6		93.9
≥ 1200 ≥ 1000		56.6		75.9 73.9	83.5	54.7	88.3 88.3	90.5	90.9	91.9	92.4		93.1	93.1	93.6	
≥ 900 ≥ 800		56.6		75.9 75.9	83.5	94.7	<u>68.3</u>	90.0	90.9	91.9	92.4	92.6	93.1 93.1	93.1	93.8	94.7
≥ 700 ≥ 600		(6.6 (6.0	74.5		83.5	54.7	89.3	90.0		91.9	92.4	92.6	93.1 93.1	93.1	93.3	, ,
≥ 500 ≥ 400		56.6	74.0	75.9 75.9	83.5	34.7	88.3	90.0	90.0	92.1	92.6	92.8		93.3	74.3	95.2
≥ 300 ≥ 200		56.6	74.7		83.5	84.7	38.3	90.0	90.0	92.1	92.6	92.8		93.5	94.5	
≥ 100 ≥ 0		56.6 66.6		75•9 75•9											94.5	

TOTAL NUMBER OF OBSERVATIONS

4.1

LISAS FTAC ...... G-14-5 (G1 A) PRIVIOUS SOUTIONS OF THIS FORM ARE DESCRIPT

LUMAR CLIMATOLOUY BRANCH LI AFETAC LA FLATMEN SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION - N.T. FANGE KO

68-70,73-79

### .9.7-1101

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				·			VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 ⁄2	≥1 2	≥1	≥ 14	≥ '⁄a	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		11 3 . 13	51.5	32.5		36.3	56.5	57.6		5.2 • 2		57.0	50.5	58.6	1.9.6	57.5
≥ 18000		49.2	54.	56 • u 56 • 6	6 . c	61.1	52.3	63.5	64.1	64.4	_	64.7	64.7	64.7	64.0	65.8
≥ 16000		49.8	37.	57.1		02.1	52.7	64.0	34.6	64.9		65.2	65.2	65.3	65.3	
≥ 14000 ≥ 12000		51.3	57.1	50.3	62.7 53.7	63.5 64.6	64.1	65.3	66.	56.3		66.6	56.6	66.7	66.7	67.6
≥ 10000		1.3	50.0	51.2	<u>33.7</u>	66.9	65.3	66.9	70.3	75.5	71.7	7 .8	7:.8	71	68.2 71.0	71.9
≥ 9000		73.1	ο . • .	51.4				73.1	71.	71.3		71.6	71.6	71.€		1
≥ 8000 ≥ 7000		54.5 50.5	61.7 63.1	63.1	6' • 4	69.5	70.7	72.2	73.1	73.4			73.7	73.9		74.3
≥ 6000		57.	64.3	64.9 53.6		72.4	72.7	75.3		75.9		76.2 76.9	76.9	76 • 3 77 • 1	76.3	77.3
≥ 5000		57.03	64	67.6	74.0	75.4	76.6	78.5	79.5	70.8	5 .	83.2	50.2	±0.3	30.3	11.2
≥ 4500 ≥ 4000		59.1 6. 4	66.7 77	58 - 1	74.4	75.7	76.9	78.8		8 1 - 2	8 3		ა: 5	80.0	87.6	91.5
≥ 3500		(-3.5	_	71.6	76.2 8.0	79.5	87.9 92.7		83.8 85.6	86.0	84.3	96.3	54.4 86.3	86.4	86.4	67.3
≥ 3000		65.1	74.	76.	83.2	34.7	30.1	98.1	်စ•ှာ	89.5	89.8	89.9	69.9		9 . 1	91.
≥ 2500 ≥ 2000		9 5 க i	72.7	73.3	uf.5 8n.7	7.	58.5 89.5	93.5 91.8		91.9		92.4	92.4	92.5 93.3	93.9	
≥ 1800		68.9	77.7	79.4	20 · 7	88.2	63.5	91.6	92 · r	73.3	97.7	9 2 9	91.7		94.0	95.0
≥ 1500		9	77.5	70.5	07.2	20.7		92 <b>.2</b>	93.3	93.7	94.2	94.4	94.4	94.5	94.5	95.4
≥ 1200 ≥ 1000		57.5 59.8	75.4	79.5 5	A7.6	99.2	99.3	42.7 92.8	93.7	94.5	94.7	94.8 95.1	94.8 95.1	95 · .	95.0 95.3	95.9
≥ 900		02.2	7 .	30.0	7 . 8		90.0			94.7	95.1	95.3	95.3	95.4	95.4	96.3
≥ 800		69.7	7 - 2	~ . • 4	57.9			03.1	94.2	54.5	95.3		95.6		95.7	96.€
≥ 700 ≥ 600		69.3	73.1	5. • u	57.0	-		43.1 27.1	94.2	94.8	95.3 95.3	95.6	95.6	05.7		
≥ 500		69.2	72.3	7 • U	67.0	39.3	$\frac{-1}{91.1}$	03.1	34.2	64.3	95.4	95.7	95.7	95.7	95.7	96.6
≥ 400		67.2	7".	3 . 3	87.9			03.5	74.4	95.U	95.6		95.9	96.3	96.0	07.1
≥ 300 ≥ 200		69.2	79.3	3 .	37.9 97.9		91.3 91.3	93.3	94.4	95	95.9 96.	96.3	96.3	96.6	96.6	93.7
≥ 100		69.3	75.1	5 · 1	57.0			23.3	94.4	95.0	96.	96.5	96.5	96.8	96.0	99.7
≥ 0		69.2	74.3		87.9						96.		96.6			1

TOTAL NUMBER OF OBSERVATIONS\_

€55

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

L ABORETANTOLDON ARAGON LA TILL KANDANTAN SERNOOLIMBO

### CEILING VERSUS VISIBILITY

VARION STATION NAME STATION NAME

5c-7^,73-79

## NONTH!

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY -ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1 ⊲	≥1'4	≥1	≥ 1/4	≥ ~,	≥ :	≥5 16	≥ .	<b>₹</b> 0
NO CEILING ≥ 20000		5 y • 4	57. 61.	37.3 61.2	6 1 • 1	100.5 35.6		60.9 66.0	51. 56.4	f 1 • 2 56 • 5		61.2		61.2 66.5	01.3 66.7	06.7
≥ 18000 ≥ 16000		[ ] . 2 [ ] . 8	61.°	62 • 3 32 • 6	65.2 66.8	≈6.7 67.3	66.5 67.6	67.1 58.1	57.4 0°.4	67.6 68.5	67.6 66.5	57.5 55.5		67.5 65.5		67.4
≥ 14000 ≥ 12000		4. • 5 • 1 • 9	63.4 64.	63.5 55.3	67.9 60.8	63.4		69.2 71.4	69.5 71.7		69.0 71.0	5°.5			69.R 72.C	57.8 1∠.€
≥ 10000 ≥ 9000		62.0		65.3 67.0	71.4 7n			73.2 73.9			73.7	73.7 74.3		73.7 74.5	73.5	73.9 74.5
≥ 8000 ≥ 7000		55.1 56.7					77.5			76.4		70.5 78.4	75.4			76.7
≥ 6000 ≥ 5000		6 3 <b></b>	77.1		77.6 75.5	75.2	81.1	79.7	81.F		0 • 1 • 2 ق	8 . 1 82. J	80.0	2.3	62.3 82.3	
≥ 4500 ≥ 4000		73.2	73.9	77.3	१७.4 84.2	1.1	35.9		35.7	86.9	85.9			85.9		33.1
≥ 3500 ≥ 3000		75.4	7 · · · · · · · · · · · · · · · · · · ·	34 • 4	35.9 9.6	40.7	92.5	28•1 93•0		93.4	93.4	93.4	93.4	93.4	28.7 93.6	36.7 93.6
≥ 2500 ≥ 2000		1.2	61.5 87.2	:7.2 :7.9	91.5		16.4	65.8 76.9	57.	57.3	96.2 97.3	97.5	97.3		96.4	96.4
≥ 1800 ≥ 1500		* ? • U	57.5 57.5	36.1 03.3	94.7	€3•2	97.3		97.3	96.1		93.1		98.i	97.7 98.3	97.7
≥ 1200 ≥ 1000		1.02	87.5	56.3	95.3	96.2 96.4	97.3			98 • 1 98 • 3		98.1 98.3		98.1 98.3	98.4 98.4	93.7
≥ 900 ≥ 800		2.3	67.5	38.4	95.3 96.5		97.5	97.3 98.0	98.3		98.4	98.4	98 • 3 98 • 4		98.6	98.4
≥ 700 ≥ 600		52.2	97.5 87.6	33.4	95.5	96.6	97.7		99.4		98.6 98.6	98.0	99.6 93.6	98.6 98.6		98.7 95.7
≥ 500 ≥ 400		2.2	87.6 87.6	33.4	95.5 95.5	96.6	97.7		<b>98.</b> 6	98.6	98.7 98.9	96.9		98.7 98.9		99.1
≥ 300 ≥ 200		32.2	67.0 67.6		95 <b>.5</b>	96.6	97.7	98.3	98.6	95.7		98.9				99.5
≥ 100 ≥ 0		82.2	37.6 87.6		95.5 95.5		97.7 97.7			98.7 98.7		- 1		98.9		99.7

USAF ETAC 10184 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LE COAL CLIMATOLOUY ORANGH CORRETAC ALL ACATHS I SERVICE/MAC

### CEILING VERSUS VISIBILITY

STATION STATION NAME

68-70,73-79

MOV

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-1756

CEILING							VISI	BILITY STA	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ ?	≥1.7	≥1.	≥1	≥ .	≥ '′e	≥ ?	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		7.6 92.5	€ 5.6 64.	59.9 59.2	o≥.3 65.4	54.6 69.7	53.0 5€.1	(3.0 69.1	93. 69.1	63.0 69.1	63.r 69.1	63.0 69.1	63. 59.1	63. 69.1	69.1	63. 69.1
≥ 18000 ≥ 16000		53.0 43.0	6° • 2 ∪ • 1	65.5 60.0	6 8	69.3		69.5 71.8	6° • : 7 • • •	69.5 71.2	60.5 70.5	69.5 70.3	69.5 73.8	70.5		$\overline{}$
≥ 14000 ≥ 12000		35.2 5.3		58 • 1 68 • 2	71.3 71.7	71.3	12.4	72 • - 72 • 4	77.4		72.4	72.6	77.C 72.4		72.3 72.4	
≥ 10000 ≥ 9000		67.7	7	71 • 3 71 • 3	74.2		75.6	74.9 75.6	75.0	74.9 75.5	74.0 75.6	74.6	74.9		74.9	74.9
≥ 8000 ≥ 7000		7:00	73.	74.5	76.7	77.4	79.2	77.5 79.2	75.2	75.2	79.2	77.2	77.6 79.2	79.	77.6	79.3
≥ 6000 ≥ 5000		72.4	74.5	75.0	7° • ?			*0•1 83•0		€ • ± € 5 • .	8 : • 1 8 ? • 1	93.	61 83.0	83.1 83.3	85.1	3.
≥ 4500 ≥ 4000		76.2	3.07	31.6	85.4	4.3 37.0	37.2	27.2	07.	37.2	57.2	84.5	54.5 87.2	34.5	54.5   87.2	₹4.5 ₹7.3
≥ 3500 ≥ 3000		1 : . 7 5 u . 5	#7.L	33.3	97.0	€9.4 ≎4.6	94.9	89.5	94.9	89.5	94.9	89.5	37.5	89.5	80.5 94.0	
≥ 2500 ≥ 2000		- 7.4 5.7.5	9 .4		94.4		93.6	98 • 2 73 • 6	98.6	98.2	98.2		98 • 2 98 • 6	98.5	98.2	98.2
≥ 1800 ≥ 1500		37.5 97.7	9.00		96.8	08.4		98.6	98.9	98.6	98.6	98.6		98.0	78.9	96.6
≥ 1200 ≥ 1000		86.1 28.3	91.	72.1 72.2	97.1		$\overline{}$	99.5	99.5	19.5	99.5	99.5	99.3	99.3		
≥ 900 ≥ 800		28 - 3	91.7	92 • 2 92 • 2	97.3		99.5	99.5	99.5		99.5	99.5	99.5	99.5		99.5
≥ 700 ≥ 600		88.3	91.3	72.2	97.3	9.5	99.5	99.5	99.5	99.5			99.5	99.5	99.5	99.
≥ 500 ≥ 400		8.3	91.3	92.2	97.3	95.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	39.6
≥ 300 ≥ 200		38.3	91.	92.2	97.3	93.9	99.5	99.5	59.	99.5	99.5	99.5	99.5	99.5	99.5	39.6 39.6
≥ 100 ≥ 0		83.3 83.3		92.2	97.3 97.3		99.5 99.5	99.5	99.5	1	99.5 99.5		99.5	99.5		

TOTAL NUMBER OF OBSERVATIONS

5.51

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

E HAD COCHATOLOGY WASCE FOLIAN FOLIATE SERVIC ZMAC

### CEILING VERSUS VISIBILITY

CN 30/A × IN-(10/A 20/A 20/A)

66-7-,73-74

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MILI	5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1′₄	≥1	≥ ¼	≥ '•	≥ 7	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000		51.7	54.1 53.1	5+•7			58.5 03.7	59.3 64.4	50.6 64.h	55.7 65.	59.A	59.9 65.2	59.9	59.9 65.2	5°•1	55.5
≥ 18000 ≥ 16000		34.6 (5.1	58.3 59.3	59 <b>.3</b> 60.0	63.1 63.9	⇒3.7	64.4 65.3	55.9	36.4	65.7 56.6	65.8 56.7	65.9 66.7	∪5.9 66.7	(5.9 £6.8	66.1	
≥ 14000 ≥ 12000		50•!! 36•}	60.3	51.1 62.1	65.1	55.6 66.5	55.5 57.3	67.1 56.5	67.0 05.	67.8 69.0	57.8 69.7	67.9 69.3	67.9	€8.	58.1	68.5 7
≥ 10000 ≥ 9000		55.5 51.8	63.1 63.5	54.0 54.4		50.9 69.7		7G.3 71.5	71.7 72.	71.E 72.2	71.5 72.3		71.6. 72.4	71.7 72.4	71.8 72.6	
≥ 8000 ≥ 7000		52.2	65.03 65.03	46.2 57.8	7 • 9 7 • 5	• •	72.6 74.6	73.6 75.5	74 • 7 76 •	74.3 75.2	74.4 76.7		74.5 76.4	74.5 76.4	74.7 76.5	
≥ 6000 ≥ 5000		53•3 64•9	67.7 60.4	65.8 70.6	73.5 76.2	74.5 77.2	75.7 78.5	76.5 79.4		77.3 2:.1	77.4	77.5 8 . 3	77.5 81.3	77.5 30.4	77.5	7
≥ 4500 ≥ 4000		65.7	1 1	71.0 74.0	77.1 80.3	70.1 -1.5	79.4 32.8	80.2 83.7	80.4 54.3	91.3 84.5	51.1 84.6	1		51.7 84.8	-1.4 gu.q	£1.5
≥ 3500 ≥ 3000		70 • 2 73 • 4		76.5 86.4			34.9 <u>89.</u> 4	35.7 90.3	86•3 20•9	25.6 91.2	56.7 91.4		ε6.9 91.5	ε6.9 91.5		92.1
≥ 2500 ≥ 2000		75.6	1 ' 1	97.3 94.0	83.5 93.€	91.9		93.2 94.4	93.5 95.	94.1 95.3	95.5	95.6	94.4 95.7	94.4 95.7	94.6 95.9	
≥ 1800 ≥ 1500		75.5 76.3	87.3 83.3	24 • Ŭ 54 • 3		91.9 92.4	73.9		95.5 95.5	95.4 95.9		95.7 96.2	1	95.3 96.3	96.4	96.4
≥ 1200 ≥ 1000		76.9 ?7.1	83.2 83.3	34.5 34.6	91.4		94.2 94.3	95.2 95.3	95.8 95.9	96 • 1 96 • 3		96.6		96.5 96.7	96.9	97.1 97.4
≥ 900 ≥ 800		77.0 77.0	35.3 83.4		91.5			95.4 95.5	95.9 96.5	96.3 96.4		96.8				97.4
≥ 700 ≥ 600		77.0 77.0	83.4		91.5	92.9		95.5 95.5	96.1 96.1	96.5 96.5		96.5			97.1 97.1	
≥ 500 ≥ 400		77.0	83.4		91.5	92.9	94.5 94.5					97.0				97.5 97.9
≥ 300 ≥ 200		7 <b>7.</b> 0		24.6	91.5	92.9			96 • 2 96 • 2		97.		97.4		97.6 57.9	
≥ 100 ≥ 0		77.0	83.4 83.4			92.9 92.9	94.5 94.5			96.6 96.6		97.2 97.3		97.4		99.€ 150.€

TOTAL NUMBER OF OBSERVATIONS 2267

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.. AL CHIMATCLOUY FANCH STROTTEC STATESE SERVICEZMAC

## CEILING VERSUS VISIBILITY

KICK-NT SAME NO MAME

63-70,73-79

670 = 13 n ;

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1:	≥1.	≥1	≥ ′•	≥ .	≥ .	≥ 5 16	2.	≥0
40 €EILING ≥ 20000		3	3 - 4	\$6.0 ?0.9	4 • 3	4 1 . ?	01.5 34.6	• 2• 0 55• 3	21.€ 55.3	12.5 55.5	5:	50.5 55.8	55.3	56.3	53.3 56.5	1
≥ 18000 ≥ 16000		72.3	37.		49.2	51.3	34.3	-5.3	15.3	55.3	r, r, 🕞 🥹	55.6	55.3	56.3	56.6	F6
≥ 14000		3.1.0	33.1	+ • 2	40.5	51.5	35.1	55.6 55.6	55.6	56.1	51.1 56.1	50 • 1	56.6	56.4	56.0	57.
≥ 12000		33.3	30.1	41.2	51.5	1.3.5	35.5 37.1	56.1 57.6	56.1 57.0	56.0	<u>50.5</u> 53.1	56.0 5.1	57.1 53.6	58.5	57.3 58.8	
≥ 9000		34.6	30.1	41.2	51.5				57.0	58.1 61.4	58.1 61.4	53.1	54.6	58.6 61.7	58.8 52.1	
≥ 7000 > 6000		35.1	41.7	43.7	54.8	56.8	63.6		62.1		61."	51.9	63.1	63.1	62.6	l
≥ 5000		77.4	4	47.5	5 - 3	51.4	55.4	£6.2	36.4	55.9	66.	66.9	67.4	67.4	57.7	67.
≥ 4500 ≥ 4000		3 3 • 6 4 2 • 4	46 • 7 5 * • ·	40.∂ 53.∂	61.1	55.1 57.7		67.9 72.7	63.€ 73.:	66.7 73.5	68.7 73.5	68.7 73.5	69.2 74.2	69 • 2 74 • `	59.4 74.5	74.
≥ 3500 ≥ 3000		49.5	54.	55.3 61.0		71.5 72.3		76.5 83.8	76.P	77.3	77.3 84.8	77.3		78.3 55.9	78.8 56.4	79.
≥ 2500 ≥ 2000		2.2	64.6	65.4 65.2		92.6	37.4	38.6	85.0	39.4	89•⊍	89.6 93.2	5 .7	95.7	91.2	21.0
≥ 1800 ≥ 1500		r+a.	64.6	58.2	85.1	15.4	90.7	31.9	92.2	92.9	93.2	93.2	94.2	94.2	94.7	54.
≥ 1200		54.0	64 • 6 64 • c	64.7	83.8	80.6		93.7	93.7	1	94.9	94.3		96.2	46.7	57.
≥ 1000 ≥ <b>9</b> 00		54.C	64.6	60.7	83.8	86.6		93.9	94.2	94.9	$\overline{}$	96.9	97.0	57.0 97.1	97.5 97.5	
≥ 800 ≥ 700		54.0	64.6		83.8	1.5.6 86.6		93.9	94.2			96 • F	97.0	97.	97.5	
≥ 600		74.0	64.6	63.7	3.8	36.6	92.7	93.9	94.2	94.9	95.5	96.	97.0	97.0	97.5	97.
≥ 500 ≥ 400		54.0	64.6	68.7 68.7	84.1 64.1	96.9 36.9	92.9	94.2	94.4 94.4	95.2	95.7 96.1	96 • 2 96 • 5	97.7	97.2 97.7	97.7 98.2	98.
≥ 300 ≥ 200		54.3	64 • 5	68.7 58.7	84.1 84.1	96.9 86.9			94.4	95.2 95.2	96.	96.5	97.7	97.7 97.7	93.2	90.
> 100		- 4-0	64-6	6: . 7	84.1	35.9	92.9			95.2	36.	96.5	67.7	97.7	98.2	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

6 73 KION-NI MANGE NO

3-7-7-73-79 YEARS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1913-1101

CEILING							VIS	IBILITY STA	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1 ₁	≥1 %	≥1	≥ 14	≥ 'a	≥ :	≥ 5 16	≥ 4	≥0
NO CEILING		: • 9	41.	43.1	94.0	.4.5	25.1	56.2	56.0	5c.4	56.4	5.,.4	54.5	56.5	34.5	56.5
≥ 20000		32.5	4 ? .	45.5	58.4	37.1	02.2	51.3	61.3	61.4	<b>11.6</b>	51.6	61.7	61.7	51.7	rl.I
≥ 18000		32.€	43.3	45.3	58.6	57.2	5 ° • 3	61.4	51.4	61.0	61.7	61.7	9 . [ن	61.	61.5	
≥ 16000		3.2 • 5	47.0	46.	5 3 . 9		6 5		61.7	61.7	<u>52.</u>	62.2	52.4	32.4		
≥ 14000		⊺ े • १	44.1	45.1	59.1	59.7	υ . • 8		61.0	62.	60.4	60 · 4		62.	67.5	€2.5
≥ 12000		3.2	44.7	40.0	6 00	30.6	61.7		62.0	62.0	63.3	63.3	63.5	63.	63.5	63.5
≥ 10000		33.9	45.5	47.6	51.1	51.7	63. n	54 - 1	64 - 1	64.3	64.6	64.6		64.7		64.7
		34.3	40.0	45.0	61.6	22.2	63.5		54.6	64.7	65.	65.	55.2	<u> 65.2</u>	<u>55.2</u>	
≥ 8000 ≥ 7000		35.7	47.	49.9	67.5	54.3	65.5	66.5	ა6 • ჩ	66.6	67.1	67.1	67.2	67.2	67.7	
		35.7	49.1	11.2	64.9		65.9		6.	68.2	68.5	65.5		68.7	02.7	
≥ 6000 ≥ 5000		:7.€	5P • 7	90.∙8	66.5		53.8	67.9	69.9	70.1	7^.4	7 1 4	1 1	70.0	77.6	- 1
		39.7	3:-2	55.3	60.6		71.7		72.5	72.9	73.2	73.2	73.4	73.4	73.4	
≥ 4500 ≥ 4000		40.6	54.5	5 t • 3	70.0	71.7	72.9	1 !	74.0	1	74.5	74.5		74.	74.6	
		43.	57.2	57.5	74.2	75.0	76.2		77.7			73.0		78.1	73.1	73.1
≥ 3500 ≥ 3000		45.5	6 • 3	52.5	70.0	78.7	80.3		31.9	82.4	82.7	-	95.8	82.0	87.8	
		40.3	63.	(ć. 1	32.7	33.5			87.1	87.6		38 · C		88.2	88.2	
≥ 2500 ≥ 2000		• 1	06.5	63.8			39.3		91.2	91.7	92.1	92.1	92.3	92.3	92.3	1
		1.5	6 h . 7		80.6		93.1	04.0	95.1	95.7		00.2	76.4	06.4		
≥ 1800 ≥ 1500		1.5	60.7	71.5		l	23.2	95.0	95.1	95.9		96.4	,	96.5		, , ,
		1.5	60.	71.9	91:•2				96.2	97.2	97.6			97.5		
≥ 1200		31.7	60.1	72.03	90.4	35.0	94.3	· - I	96.4	-	97.8	97.8	98.0	98.	98.1	98.1
		1.7	55.1		90.4	92.5	94.5		96.5			90.	53.1	98.1		
≥ 900 ≥ 800		31.7	69 1	72.0	92.4	92.0	94.5	96.4	96.5	97.5	98.5	98.0	1	98.1	93.3	
		51.7	69.	72.1	9.6	22.1	94.6		36.9			95.3		98.4	_	
≥ 700 ≥ 600		51.7	60.3	72 • 1	90.6		94.6	1	96.9		- 1	98.3	ſ - i	98.4	98.6	1
		31.7	69.	72.1	90.6		94.6		96.9			93.3		98.4		_
≥ 500 ≥ 400		1.7	69.5	72.1	90.6	92.1	94.6		96.9	97.6		98.2		08.4	96.9	75.9
ļ <b>.</b>		1.7	69.	72.1	97.6	-	94.6		96.0					98.4	99.1	
≥ 300 ≥ 200		51.7	69.1	72.1	90.6		94.6		96.9			98.3	98.4	98.4	99.1	99.7
		1.7	60.3		9:1.6				96.4					78.4	79.1	
≥ 100		5.1.7	69.3	72.1			94.6		96.9			98.3		98.4	39.1	9.7
لـــــــــــــــــــــــــــــــــــــ		51.7	69.7	72.1	90.6	ಿ2•1	94.5	46.7	96.	97.8	98.7	98.3	58.4	78.4	99.1	1/0.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DU MAE CLIMATOLDCY BRANCH DOAFETAC 5 - WEATH W SERVICE/MAC

CEILING VERSUS VISIBILITY

3 1, 304-NA KANGE KO

0 F - 7 7 , 73 - 79

12 (-14 )

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17	≥1′₄	ا≤	≥ 4	≥ ′⁄∎	≥ :	≥ 5 16	2.	≥0
NO CEILING   ≥ 20000		45.2	57.	· · · · · · · · · · · · · · · · · · ·	5° • 2	55.7	59.1 67.1	59.1 67.1	59.1 67.1	59.1 67.2	50.1 67.2	57.1 67.2		59.1 67.2	57.1 67.2	59.1 27.2
≥ 18000 ≥ 16000		47.4	50.7 50.3	59.0 0 .1	64.7	57.2 67.4	57.6 57.7	67.6 67.7	07.6 07.7	67.7	67.7 67.9	67.7 67.9	67.7 67.9	67.7 67.3	57.7 57.3	67.7 67.3
≥ 14000 ≥ 12000		49.1	55.4 5	51. 51.5	67.7 62.6	65.3 69.1	63.6 59.4	65.6 69.4	65.6 59.4	66.6 69.6	68.5 69.5	69.6	68.4 57.5	68.5 69.5	54.8 50.8	63.0 69.6
≥ 10000 ≥ 9000		40.0 44.0	61.1 61.5	52.3 52.6	69.1 69.6	69.6 72	59.9 70.5	69.9 70.5	69.9 77.5	7. •1 75.6	70.1 70.5	70.1 70.6		75.6	71.01 70.0	7: •1
≥ 8000 ≥ 7000		-1.i	64.2	.4 • 3 6 - • 4		12.8	72.2	72.2 73.2	72.2 73.2	72.3 73.3	72.3	72.3	73.3	72.3 73.3	72.3	7
≥ 6000 ≥ 5000		57.: 54.5	67.7	66.9 59.1	73.9 76.4	76.7	74 <b>.7</b> 17.2	74.7 77.2	74 • 7 77 • 2	74.9 77.4			74.9	74.5	77.4	74.7
≥ 4500 ≥ 4000		57.0	63.6 77.0	50.9 73.3	77.2 81.0		78.1		7° • 1	78.3 82.2	73.7 82.2	79.3 82.2	75.3 82.2		78.3 52.2	7007
≥ 3500 ≥ 3000		51.6 62.0	75.4	75 • 7 78 • 6	64.9 67.3	85.4 87.3	85.7 38.3	35.7 33.5	85.7 35.5	86.1 8.8	85.1 89.2	86.1	86 • 1 87 • 8	56.1 88.6	86.1 38.8	66.i
≥ 2500 ≥ 2000		63.5 63.3	79.6 81.7	€1•2 83•2	99.2 92.9	ಾರ.3 93.7	91.7 94.7	91.9	93.0	92.4 95.4	92.4 95.4	92.4 95.4	95.6	92.4		95.6
≥ 1800 ≥ 1500		65.5 55.9	81.7 82.7	83.2 84.2	93.9		94.9		95.1 96.0	95.6 97.1	95.6 97.1	95.6 97.1	97.3	95.5 97.3		95.3 97.3
≥ 1000 ≥ 1000		55.9 62.9	62.7 82.7	84 • 2 94 • 4	94.4		96.4 96.5				97.3 98.1	98.1	98.3		98.3	97.5 98.3
≥ 800 ≥ 800		55.2 55.2	33.0 83.0	24.7 54.7	94.9 95.1	45.9			97.6		98.8				99.3	98.6
≥ 700 ≥ 600		86.2 65.2	83.7	34.7	95.1 95.1			37.8	97.6	99.5	98.8	98.8	99.3		99.8	99.5
≥ 500 ≥ 400	·	56.2 56.2	83.0 82.0	34.7	95.1 95.1	95.9		97.8	97.8	99.	99."	99.0	99.7 99.7			99.2
≥ 300 ≥ 200		50.2 56.2	83.0	84.7	95.1 95.1	95.9	97.3	97.8	97.6	99.	99.7	99.0 99.0	99.7		100.0	
≥ 100 ≥ 0		66.2	83.0 83.0	94.7 84.7	95.1 95.1	1 1	97.3 97.3			99.0	99.	99.	99.7		100.0	1 <b>1</b>

TOTAL NUMBER OF OBSERVATIONS

589

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LANCERSTON Y HARON. LEATED SERVICEZMAC

# SEE FRASE PAGE CEILING VERSUS VISIBILITY

STATION STATION HAVE

55-1-,73-79

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES:						
FEET	≥10	≥6	≥5	≥ 4	≥ 3	≥2.2	≥ 2	≥179	≥1′4	≥1	≥ ⅓	≥ 5/0	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		52 s	55.5 67.6	35.6 52.6		57.8 66.0	57.8 06.0	57.8 66.0	57.8 66.0	57.8 66.3	57.4 56.0	57.8 66.0	57.8 65.3	57.8 86.0	57.8 66.0	57.8 (L.
≥ 18000 ≥ 16000		5 8 • 8 5 9 • 8		123.4	67.4	67.4	67.4	67.4	67.8	67.4	67.4	67.4	67.4	67.4		67.4 67.6
≥ 14000 ≥ 12000		50.6		64.6 65.8			55.6 69.8	69.8	68.6 69.8	68.6 69.5	58.5 69.8	63.6 69.8	5° • 6 6° • 8	65.6 69.8		66.6
≥ 10000 ≥ 9000		52.4 52.3	57.6 63.1	67.6 68.3	71.6	71.6 72.0	71.6	71.6 72.0	71 • 6 72 • 1	71.6 72.5	71.6 72.1	71.6 72.0	71.6	71.5 72.0	71.6 72.0	71.6
≥ 8000 ≥ 7000		63.4 63.4	69.6	63.6 68.6		72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.0	72.6 72.0	72.6 72.6	72.6 72.6	72.6 72.6	72.6 72.6	72.5 72.6	72.6 72.6
≥ 6000 ≥ 5000		65.0 66.3	70•? 72•	70.2 72.3	74.2 75.0	74.2 76.0	74.2 76.0	74 • 2 76 • 0	74.2	74.2 76.1	74 • 2: 76 • 11	74.2 76.5	74 • 2 76 • J	74.2 76.	74.2 76.1	74
≥ 4500 ≥ 4000		63.0 72.2		73 • 4 77 • 6			77.6	77.5 P1.6	77.0 51.8	77.6 81.8	77.6 31.8	77.6 81.3	77.6	77.0 51.3	77.6 31.8	77.6
≥ 3500 ≥ 3000		74.3 75.6	79.6 84.2	79.6		34.0 89.4	54.0 9⊆.0	94.0 ℃0.0	54 • T	84.0 90.0	90.0	64.0 90.0	54.0 90.0	9 C	84.1 90.0	24.1
≥ 2500 ≥ 2000		4 (1 • 4 4 2 • 2	85.7 88.0	66•2 88•0			92.2	92.2 95.3	92.4 95.2	92.4 95.2	92.4 95.2	92.4 95.2	92.4 95.2	92.4 95.2	92.4 95.2	52.4
≥ 1800 ≥ 1500		22.4 23.4		38 • 2 39 • 2		- (	95.4 96.4	95.4	95.6 96.6	95.6 96.6			95.6 96.8	95.6 96.3	95.6 96.9	95.6
≥ 1200 ≥ 1000		-3.6	1				77.4 79.4		97.0 98.0	97.5 98.3			97.8 99.2	97.8 99.2	97.8 99.2	1
≥ 900 ≥ 800		34.4 99.4				97.0	98.4 98.6		98.8 9 <b>9.</b> 1	98.8 99.	99.3 99.2	99.0	99.2 99.6	99.2 99.3	99.2	99.2 99.2
≥ 700 ≥ 600		54.4 34.4		90.6 90.6			98.6 98.6			99.0 99.0	99.2 99.2	99.2		99.8 99.8	99.8 99.9	- 1
≥ 500 ≥ 400		94.4		90.6 90.6			98.6 98.6			99.0 99.0	99.2 99.2	99.2 99.2	99.6		l	
≥ 300 ≥ 200		34.4 94.4		90.6 95.6			98.6 98.6		99.0	99.0	99.2	99.2 99.2			100.0 100.0	
≥ 100 ≥ 0		24.4	. •		97.0 97.0		98.6 98.6		(	99.0 99.0					100.0 100.0	F

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC TUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GEORAL CLIMATOLOGY BRANCH COACLTAC ALC NEATHER SERVICEMAC 1032 M \*\* SIZ 4 437

### **CEILING VERSUS VISIBILITY**

4 003 KON-VI RAMPE KO

63-75,73-79

D L C

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY :STA	ATUTE MIL	ES-		~				
PEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥27	≥ 2	≥172	≥1%	≥1	≥ 1/4	≥ '⁄8	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000		79.3		47.7	34.6			56.6	56.c	56.7	56.7	56.7		56.0	55.9	57.
		42.	51.1	52.5	6 . 7						63.1	63.1	63.3			
≥ 18000		42.0 93.1	51.5 51.7	52.9 93.0	61.5	01.9 62.2	53.0 53.3	63.4 63.7	63.4 63.7	63.6	63.6	63.6 64.	63.8 64.1	63.6	63.8 64.2	64.2
≥ 14000		13.4	52.0	53.5	61.9	12.6	63.7	64.2	64.2	64.3	64.4	64.4	64.6	64.6	54.6	54.7
≥ 12000		44.7	52.0	54.2	60.8	53.5	64.6	65.U	<b>35</b> €′	65.2	65.3	65.3	65.5	65.5	65.5	65.6
≥ 10000		u4.c	53.0	55.2	54.0	6.4 . 7	65.3	66.3	66.3	66.5	66.6	66.6	66.7	56.7	66.7	56.8
≥ 9000		45.2	54.2	3° • 5	54.4	£5.1	55.2	66.7	66.7	66.8	66.9	66.9	67.1	67.1	07.1	67.2
≥ 8000		46.3	55.8	57.1	66.1	66.8	59.0	68.4	68.5	68.7	68.3	68.8	62.9	68.9	59.5	69.5
≥ 7000		46.0	56.5	57.8	66.9	67.6	68.8	69.2	69.3	69.5	69.5	67.5	60.7	69.7	69.2	69.8
≥ 6000		47.8	57.8	E9.2	55.3	69.1	75.3	70.3	70.8	71.0	71.1	71.1	/1.2	71.2	71.3	71.3
≥ 5000		40.	60.3	<u></u>	71.1	71.8	73.1	73.5	73.€	73.8	73.5	73.7	74.0	74.	74.1	74.1
≥ 4500		50.7	61.4	62.5	77.4	73.2	74.4	74.9	74.9	75 . 1	75.2	75.2	75.3	75.3	75.4	75.4
≥ 4000		53.9	<b>b</b> 4 • 4	66.4	74.3	77.0	78.3	78 • ŝ	78.8	79.1	79.2	79.2	79.3	79.3	79.4	7400
≥ 3500		50.3	67.5	59.3	70.7	8-1-5	51.8	°2.5	32.5	32.8	82.0	87.9	63.2	83.0	53.7	53.3
≥ 3000		56.5	71.	72.	64.3	_ : 5 • 1	86.8	67.5	37.6	87.9	38.1	88.1	68.3	58.3	35 <u>.4</u>	1 to 5
≥ 2500		61.4	74.	75.7	87.5	68.4	9:1.3	01.1	91.2	91.6	91.5	91.3	92.3	92 و 2	92.1	42.2
≥ 2000		<u>. 2</u> . )	76.3	78.3	97.3	91.4	93.5	94.3	94.5	75.	95.	95.2	95.5	°5.5	95.6	75.6
≥ 1800		5 Z • C	70.1	78.1	9 .5	/1.5	97.7	44.5	74.7	95.2	95.4	95.4	95.7	95.7	95.3	95.8
≥ 1500		63.5	76.7	7 ₹ . ε	91.4	72.6	95.	95.8	95.9	96.5	96.7	90.7	97.1	97.1	97 <u>.</u> 2	97.3
≥ 1200		6	76.9	70.	91.6	- C . 8	95.3	c6.2	96.3	96.9	97.1	97.1	97.5	97.5	97.6	97.6
≥ 1000		63.5	77.1	79.2	91.9	03.1	95.7	96.6	96.7	97.5		97.9	98.2	າ8.⊇	78.3	به و ن د
≥ 900		53.9	77.	74.3	97.0	∘3.2	94.9	96.7	96.8	97.6	97.0	98	98.3	58.3	98.4	05.5
≥ 800		63.9	77.3	79.3	72.1	73.3		96.9		97.8	98.1	95.2	94.7	98.7	98.9	93.8
≥ 700		43.7	77.3	74.3	ે.ે • 1	93.3	95.9	96.9	97.1	97.3	98.1	93.2	98.7	98.7	#8.9	9: 9
≥ 600		53.9	77. 2	79.3	5 7 . 1	03.3	95.0	97.0	97.1	97.9	98.2	90.3	93.8	98.9	99.	99.1
≥ 500		63.7	77.3	79.3	92.1	73.3	96.7	47.0	97.2	97.9	98.2	98.3	98.9	96.9	99.2	94.3
≥ 400		63.9	77.5	79.3	92.1	05.3	36.n	97.S		97.9	99.2	98.3	98.9	99.0	99.3	C4.t
≥ 300		53.9	77.	79.3	91	93.3	96.C	07.0	97.2	97.9	98.3	98.3	98.9	99.1	99.3	99.6
≥ 200		63.9	77.3	79.3	92.1			97.0		97.9	93.5	98.3	98.9	99.1	99.4	99.2
≥ 100		53.7	77.3	79.3	07.1	03.3	96.0	97.0	97.0	77.9	98.3	98.3	98.9	99.1	99.4	99.0
} ≥ 0		53.9	77.3	79.3				97.0					99.9		59.4	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_

USAF ETAC 10144 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGUETE

ELEMBLE CLISTICLUSY 6841 CH C. F. TAS A. L. CATERN SERVICEZMAC

## CEILING VERSUS VISIBILITY

TANTE KONHNI TANTE KO

5 5 - 7 C , 7 3 - 5 C

- MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS 1.51	
HOURS I ST	

CEILING							V15	BILITY ISTA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1 %	≥1.4	≥1	≥ ¾	≥ 2/0	≥ 'י	≥5 16	≥ .	≥0
NO CEILING ≥ 20000		43.5 50.3	4 - • 1 55 • □	4∂.8 55.6			52.5 01.0	52.8 61.3	52.9 51.4	53. 61.5	53. 61.6	53.: 61.6	53.1 61.7	53.1 61.7		
≥ 18000 ≥ 16000		50.7 30.9	50.4 50.6	57.2 57.5	01.0 61.2	61.3		52.0 62.3	52.1	62.2		62.3 62.6				
≥ 14000 ≥ 12000		52.1 53.8	57.9 59.3	59.8 50.8			63.4 95.6		63.8 66.0	65.0		64.F	54 • 1 66 • 4	64 • 1 66 • 4	64.2	
≥ 10000 ≥ 9000		50.3 57.2	62 • 3	63.9 54.9	69.2	63.5 69.6	69.0 70.1	49.4 70.5	50.5 70.6	69.6 70.7		69.7 70.8	69.8 73.9		69.9 71.0	70.0 71.1
≥ 8000 ≥ 7000		59.1		67.1 63.5	71.7	72 <b>•1</b> 73•6	72.6 74.2	73.0 74.6	73.2	73.3 74.9		73.4 75.0	73.5 75.1	73.5 75.1	73.5 75.2	
≥ 6000 ≥ 5000		62.6	6? • 3 7 • •	69.4	74.2	74.6	75.2 77.2	75.6 77.7	75 • 7 77 • 9	75.9 76.0		76.0 78.1	76 • 1 79 • 1	76.1 78.1	76 • 2 1 73 • 2	74.2 73.3
≥ 4500 ≥ 4000		63.1 65.0	7 . ( 72 . (	71.9	76.9 79.2		77.9 8:.3	78.3 90.8	78.5 80.9	78.7 81.1	78.7 81.2	76.8 81.2	78.8 51.3	78.5 61.3	75.9	79.
≥ 3500 ≥ 3000		56.4 63.0	74.4	75.7 78.6	81.1 54.4	91.5 54.8	32.2 35.7	92.7 86.2	32.9 66.3	83.1 86.6		83.2			23.3 56.9	53.4 87.0
≥ 2500 ≥ 2000		73.4	79.1 80.7	95.6 32.3	36.7	97.2 89.5	58 • 1 9 • 5	26.6 41.1	38.8 91.3	89. J	1 1	89.2 91.8			89.3	29.4 92.1
≥ 1800 ≥ 1500		71.9	81	12.0		29.8	97.3	91.4	91.7 93.6	92.0	97.1 94.	94.5	92.2		92.3	92.4
≥ 1200 ≥ 1000		73.4		94.6	01.8	92.5	93.7	94.4 95.6	94.5	95.0		95.1 96.6	95.2 96.7	95.3 96.7		95.5
≥ 900 ≥ 800		74.0	87.5	25.5 35.7	- 1	93.7	95.0 95.4		96.1 96.5	96.5	96.7 97.1	96.8 97.2	96.9	96.9		97.2
≥ 700 ≥ 600		74.3	84.0	35 • 8 36 • D	93.5	94.3	95.7 95.9	n6.5 96.8	96.8	97.2 97.5		97.5 97.3	97.7 98.0	97.7 98.0		97.9 98.2
≥ 500 ≥ 400		74.4		36.2 36.2	93.9 94.0	94.8	96.3	97.1 97.3	97.5 97.7	97.9	98.2	98.2 98.5	98.4	98.5		98.8
≥ 300 ≥ 200		74.5		86∙2 36∙2	94.0 94.0	94.9 94.9		97.4 97.4	97.8 97.5			98.6 98.6		98.9	99.1 99.2	99.4
≥ 100 ≥ 0		74.5 74.5		56•2 96•2	94.1 94.1	94.9	96.5 96.5		- 1		98.5 98.6	98.6 98.7		9 <b>9.</b>	99.3 99.3	

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_ 25 a C 5

#### PART D

#### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	5 6
5 6	8
7	9
8 (or obscured	1) 10

USE WITH CAUTED SEE FIRST PAGE

**SKY COVER** 

43273 KOON-NI RANGE KO

73-80

JAN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVE	₹			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JAN	0-02			1										
	03-05													
	06-08	22.5	10.0			7.5	7.5	5.0		25.0	5.0	17.5	5.3	40
	79-11	19.7	10.6		15.2	4.5	1.5	6.1		9.1	12.1	21.2	5.1	66
	12-14	12.0	22.3		10.0	8.0	8.0	12.0		12.0	4.0	12.0	4.5	50
	15-17	23.5	8.8		11.8	5.9	11.8	8.8		14.7	2.9	11.8	4.4	34
	18-20													
	21-23													
	ļ					-	ļ			ļ				
<u> </u>	ļ			<u></u>	-	L				<u> </u>			ļ	ļ
	<del> </del>									<u> </u>		-	ļ — —	
	<u> </u>									-			<u> </u>	
TO	TALS	19.4	12.9		9.3	6.5	7.2	8.0		15.2	6.0	15.6	4.8	190

 USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	 		
						{	
1	_						

USE WITH CO SEE FIRST (). ] **SKY COVER** 

43273 KOON-NI RANGE KO

74-75,77-83

FEB

STATION STATION NAME PERIOD

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	IS OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
FEB	00-02													
	03-05													
	06-08	7,4	7.4		7.4	11.1	7.4	7.4		7.4	18.5	25.9	6.4	27
	09-11	32.6	16.3		2.3	7.0		11.6		9.3		20.9	4.0	43
	12-14	10.3	7.7		5.1	12.8	5.1	15.4		12.8	10.3	20.5	5.9	39
	15-17	4.2	4.2		4.2	16.7	4.2	4.2		16.7	4.2	41.7	7.2	24
	18-20													
	21-23													
										<b></b>		<b> </b>		
	ļ									ļ	<u> </u>	ļ		<u> </u>
			 							<del> </del>		<b> </b>	<del> </del>	
	TALS	13.6	8.9		4.8	11.9	4.2	9.7		11.6	8.3	27.3	5.9	133

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOL
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**SKY COVER** 

43273

KOON-NI RANGE KO

73-79

MAR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS		_		PERCENTAG	E FREQUENC	Y OF TENTH	HS OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO. OF
MONIH	(E.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
MAR	20-02													
	03-05													
	06-08	3.7	11.1		14.6	3.7		7.4		3.7	7.4	48.1	6.9	27
	09-11	16.7	2.4		7.1	14.3		11.9		9.5	7.1	31.0	6.0	4 2
	12-14	11.4	11.4		4.5	18.2	6.8	6.8		4.5	4.5	31.8	5.7	44
	15-17	12.2	9.8		4.9	4.9	2.4	9.8		12.2	7.3	36.6	6.4	4 ]
	18-20													
	21-23													
					<b> </b>									
TO	TALS	11.0	8.7		7.8	10.3	2.3	9.0		7.5	6.6	36.9	6.3	154

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**SKY COVER** 

43273

KOON-NI RANGE KO

73-79

APR

STATION

STATION NAME

\_\_\_

PERIOD

MONTH

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	IS OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
APR	00-02													
	n3-05			-										
	06-08	10.5			15.0						15.0	60.0	7.8	20
	69-11	19.1	10.5		2.1	4.3	6.4			10.6	17.5	29.8	6.0	47
	12-14	8.1	5.4		5.4	8.1	5.4	5.4		16.2	27.0	18.9	6.8	37
	15-17	5.9	5.9		8.8	2.9		11.8		11.8	14.7	38.2	7.2	34
	15-20													
	21-23													
				•			•							
τo	TALS	10.8	5.5		7.8	3.8	3.0	4.3		9.7	18.4	36.7	7.0	138

USAFETAC	FORM JUL 64	0-9-5	(OL	A)	PREVIOUS	EDITIONS	S OF THIS	S FORM A	ARE OBSC	OLETE.							

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43273

KOON-NI RANGE KO

73-79

MAY

STATION

STATION NAME

PERIOD

MONTH

(L.S.T.)	0	1											
0-02			2	3	4	5	6	7	8	9	10	SKY COVER	NO. OF OBS.
3-05			_										
6-08	38.5				7.7	-			23.1		30.8	5.2	13
9-11	18.6	4.7	<del>-</del>		2.3	9.3			11.6	18.6	34.9	6.7	4 3
2-14	18.5	7.4		7.4	1.9	1.9	7.4		5.6	11.1	38.9	6.2	54
5-17	24.2	12.1		3.0	i	3.C	6.1		12.1	15.2	24.2	5.5	3.3
8-20													
1-23													
											ļ		
												-	
			<del> </del>						-	 			143
	6-08 9-11 2-14 5-17 6-20	6-08 38.5 9-11 18.6 2-14 18.5 5-17 24.2 8-20	6-08 38.5 9-11 18.6 4.7 2-14 18.5 7.4 5-17 24.2 12.1 8-20 1-23	6-08 38.5 9-11 18.6 4.7 2-14 18.5 7.4 5-17 24.2 12.1 8-20 1-23	6-08 38.5 9-11 18.6 4.7 2-14 18.5 7.4 7.4 5-17 24.2 12.1 3.0 8-20 1-23	6-08 38.5 7.1 9-11 18.6 4.7 2.3 2-14 18.5 7.4 7.4 1.9 5-17 24.2 12.1 3.0 8-20	6-08 38.5 7.7 9-11 18.6 4.7 2.3 9.3 2-14 18.5 7.4 7.4 1.9 1.9 5-17 24.2 12.1 3.0 3.0 3.0 1-23	6-08 38.5 7.7 9-11 18.6 4.7 2.3 9.3 2-14 18.5 7.4 7.4 1.9 1.9 7.4 5-17 24.2 12.1 3.0 3.0 6.1 8-20 1-23	6-08 38.5 7.1 2.3 9.3 2-14 18.5 7.4 7.4 1.9 1.9 7.4 5-17 24.2 12.1 3.0 3.0 6.1 8-20 1-23	6-08 38.5 7.7 23.1 9-11 18.6 4.7 2.3 9.3 11.6 2-14 18.5 7.4 7.4 1.9 1.9 7.4 5.6 5-17 24.2 12.1 3.0 3.0 6.1 12.1 8-20 1-23	6-08 38.5 7.7 23.1 9-11 18.6 4.7 2.3 9.3 11.6 18.6 2-14 18.5 7.4 7.4 1.9 1.9 7.4 5.6 11.1 5-17 24.2 12.1 3.0 3.0 6.1 12.1 15.2 8-20 1-23	6-08 38.5 7.7 23.1 30.8 9-11 18.6 4.7 2.3 9.3 11.6 18.6 34.9 2-14 18.5 7.4 7.4 1.9 1.9 7.4 5.6 11.1 38.9 5-17 24.2 12.1 3.0 3.0 6.1 12.1 15.2 24.2 8-20 1-23	6-08 38.5 7.7 23.1 30.8 5.2 9-11 18.6 4.7 2.3 9.3 11.6 18.6 34.9 6.7 2-14 18.5 7.4 7.4 1.9 1.9 7.4 5.6 11.1 38.9 6.2 5-17 24.2 12.1 3.0 3.0 6.1 12.1 15.2 24.2 5.5 8-20 1-23

USAFETAC	FORM JUL 64	0-9-5 (OL	A) PREVIOUS EDITIO	IONS OF THIS FORM ARE OBSOLE	τε.		
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USE WITH ON TON SEE FREST TO **SKY COVER** 

43273

KOON-NI RANGE KO

73-79

JUN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	R			MEAN	TOTAL NO. OF
MONTH.	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JUN	50 <b>−</b> 02													
	73-05													
	C6-08	13.3			6.7		3.3	6.7	-	3.3	16.7	50.0	7.5	30
	09-11	7.7	17.3		3.8	3.8	9.6	1.9		5.8	5.8	44.2	6.4	5.2
	12-14	6.8	15.1		11.0	2.7	5.5	8.2		11.0	11.0	28.8	6.1	73
	15-17	8.1	11.3		14.5	6.5	6.5	3.2		12.9	19.4	17.7	5.0	6 2
	18-20													
	?1-23													
TO	TALS	9.0	10.9		9.0	3.3	6.2	5.0		8.3	13.2	35.2	7 • 5 6 • 4 6 • 1 5 • 9	217

USAFETAC FORM 0-9-5	(OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
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USE WITH CAUTION SEE FIRST PAGE **SKY COVER** 

43273

KOON-NI RANGE KO

74-79

JUL

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	R			MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUL	00-02													
	n3-05													
	C6-08	16.3	2.3		4.7	2.3	7.0	2.3	-	4.7	11.6	48.9	7.0	43
	59-11	8.7	6.5		4.3	4.3	4.3	4.3		6.5	15.2	45.7	7.3	46
	12-14	1.7	6.7		6.7	10.0	13.3	10.0		11.7	11.7	28.3	6 • 8	60
	15-17		13.0		9.3	7.4	7.4	5.6		7.4	22.2	27.8	6.8	54
	18-20													
	21-23													
			-								_			
TO	TALS	6.7	7.1		6.3	6.0	8.0	5.6		7.6	15.2	37.7	7.0	203

USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
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**SKY COVER** 

43273

KOON-NI RANGE KO

74-79

AUG

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS				PERCENTAG	E FREQUEN	CY OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL NO. OF
	(L.S.T.)	0	1	2	3	4	5	6	7 -	8	9	10	SKY COVER	OBS.
AUG	00-02													
-	03-05													
_	06-08	2.6	12.8		2.6	10.3	2.6	5.1		15.4	5.1	43.6	7.1	3
	09-11	7.5	15.0		2.5	2.5	7.5	7.5		10.0	10.0	37.5	6.6	4
	12-14	2.1	10.6		4.3	4.3	4.3	4.3		19.1	23.4	27.7	7.3	4
	15-17		6.3		9.3		10.4	6.3		18.8	22.9	27.1	7.5	4
	18-20			-										
	21-23		-											
то	TALS	3.1	11.2		4.4	4.3	6.2	5.8		15.8	15.4	34.0	7.1 6.6 7.3 7.5	170

				••				
USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET	E.			

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**SKY COVER** 

43273

KOON-NI RANGE KO

74-79

SEP

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENTH	S OF TOTAL	SKY COVE	R			MEAN	TOTAL NO. OF
MUNIA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
SEP	00-62				}									
	03-05													
	C6-08	10.3	5.1			7.7	5.1	2.6		5.1	17.9	46.2	7.4	31
	09-11	8.2			12.2	4.1	8.2	8.2		10.2	10.2	38.8	7.0	4
	12-14	5.4	8 • 1		10.8	5.4	5.4	5.4	-	16.2	16.2	27.0	6.7	3.
	15-17	2.1	4.3		12.8	4.3	12.8	2.1		14.9	25.5	21.3	7.0	4.
	18-20													
	21-23													
													7 • 4 7 • 0 6 • 7 7 • 0	
10	TALS	6.5	4.4		9.0	5.4	7.9	4.6		11.6	17.5	33.3	7.0	172

_	USAFETAC	FORM JUL 64	0-9-5 (OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
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USE WITH CAUTION SEE FIGHT PAGE **SKY COVER** 

43273

KOON-NI RANGE KO

74-79

OCT

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	S OF TOTAL	SKY COVE	R			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
OCT	00-02													
_	03-05													
	36-38	9.7	19.4			6.5	6.5	3.2		9.7	12.9	32.3	6.1	31
	09-11	11.6	18.6		7.0	11.6	4.7	16.3		4.7	4.7	20.9	5.0	43
	12-14		17.6		5.9	8.8	8.8	5.9		11.8	8.8	32.4	6 • 5	34
	15-17	31.8	9.1		9.1	4 • 5				9.1	4.5	31.8	4.9	22
	18-20													
	21-23													
τo	TALS	13.3	16.2		5.5	7.9	5.0	6.4		8.8	7.7	29.4	6 • 1 5 • 0 6 • 5	130

USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
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SEE 1931 (149)

**SKY COVER** 

43273 KOON-NI RANGE KO

74-79

NOV

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS				PERCENTAGE	MEAN TENTHS OF	TOTAL NO. OF							
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
NOV	00-02							ļ						
	03-05													
	36-08	14.6	22.0		7.3	4.9	7.3	7.3		4.9	17.1	14.6	4.8	41
	09-11	17.3	23.1		9.6	5.9	3.8	5.8		7.7	7.7	19.2	4.5	52
	12-14	9.1	25.0	·	9.1		4.5	9.1		4.5	15.9	22.7	5.4	44
	15-17	8.1	16.2		10.8	8.1	2.7	8.1		18.9	13.5	13.5	5 • 5	37
	16-20													
	21-23													-
					<u> </u>									 
											1			
10	TALS	12.3	21.6		9.2	4.7	4.6	7.6		9.0	13.6	17.5	5.1	174

 USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
					-
				•	

USE WITH CAUTION SEE HIRST PAGE

**SKY COVER** 

43273 KOON-NI RANGE KO

74-79

DEC

STATION

STATION NAME

PERIOD

MONTH	HOURS	L			PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVE				MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
DEC	00-02													
	3-05													
	06-08	6.1	12.1		12.1	12.1	6.1		-	9.1	9.1	33.3	6.2	33
:	09-11	15.1	13.2		5.7	11.3	1.9	7.5	-	9.4	13.2	22.6	5.5	5.3
	12-14	4.5	22.7		9.1	6.8	4.5	11.4		6.8	9.1	25.0	5.5	44
	15-17	14.6	19.5		14.6	7.3				9.8	12.2	22.0	5.0	41
	18-20													
	21-23													
									,					
TO	TALS	10.1	16.9		10.4	9.4	3.1	4.7		8.8	10.9	25.7	5.6	171

D	USAFETAC	FORM JUL 64	0-9-5	(OL A)	PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.	
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USE WITH CAHLION SEE FIRST PAGE **SKY COVER** 

43273

KOON-NI RANGE KO

73-80

ALL

STATION

STATION NAME

PERIC

MONTH

MONTH	HOURS	L			PERCENTAG	E FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVE	R			MEAN	TOTAL
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	NO. OF OBS.
JAN	ALL	19.4	12.9		9.3	6.5	7.2	8.0		15.2	6.0	15.6	4.8	190
FEB		13.6	8.9		4.8	11.9	4.2	9.7		11.6	8.3	27.3	5.9	133
MAR		11.0	8.7		7.8	10.3	2.3	9.0		7.5	6.6	36.9	6.3	154
APR		10.8	5.5		7.8	3.8	3.0	4.3		9.7	18.4	36.7	7.3	138
MAY		25.0	6.1		2.6	3.0	3.6	3.4		13.1	11.2	32.2	5.9	143
JUN		9.0	10.9		9.6	3.3	6.2	5.0		8.3	13.2	35.2	6.5	217
JUL		6.7	7.1		6.3	6.0	8.0	5.6		7.6	15.2	37.7	7.0	203
AUG		3.1	11.2		4.4	4.3	6.2	5.8		15.8	15.4	34.0	7.1	174
SEP		6.5	4.4		9.0	5.4	7.9	4.6		11.6	17.5	33.3	7.0	172
oct		13.3	16.2		5.5	7.9	5.0	6.4		8.8	7.7	29.4	5.6	130
NOV		12.3	21.6		9.2	4.7	4.6	7.6		9.0	13.6	17.5	5.1	174
DEC		10.1	16.9		10.4	9.4	3.1	4.7		8.8	10.9	25.7	5.6	171
101	ALS	11.7	10.9		7.2	6.4	5.1	6.2		10.6	12.0	30.1	6.2	1999

USAFETAC	FORM	0-9-5 (C	DL A1	PREVIOUS EDITIONS OF T	HIS FORM ARE OBSOLETE

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART E

#### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

(1) \* indicates the extreme was selected from a month with one or more days missing.

and attached doubtion of not include acasurements for

(2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

E - 1

5

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

  This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dev-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations (Gx). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
  - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

USE WITH CAUTY . SEE FIRST PAGE

### **DAILY TEMPERATURES**

PLO AL CLIMATOLOGY BRANCH
PLAFITAC

ATT AFATHER SERVICE/MAC

4 7 7 3 KCON-NI RANGE KO

STATION STATION NAME

71-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MAXIMUM

	TEMP (*F)	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	ост.	NOV.	DEC.	ANNUAL
= _	95							1.9	• 9					• 2
:	o. T			•				8 - 2	7.0					1.3
:	85 "	•	•	•	•	•	1.8	28.8	32.5	3.8		•		5.7
:	as *		•	•	•	3.2	19.9	69.7		27.8	. 5	•	*	16.3
	75		•	•	3.7	- <u>-</u>	57.9	92.3	93.4	67.5	9.7	• · • · · · •	***	23.6
	7.		•	•	8.8		80.1	99.0			29.0	1.4	-	36 ⋅ €
	65		•		20.3	56.8	97.3	99.5			58.1	6.1		45.1
	60		•	3.8	46.1	90.0	100.0			100.0	82.5	23.8		54.5
	5.5	. 5.	2.5	18.4	73.3	99.1	Turur rich			. ==0.7 1.7.	93.5	48.6	3.8	62.3
	50	2.8	8.4	35.9	91.7		•	•	•		98.2	66.8	11.0	68.6
	45	7.5	12.6	56.8	97.7				• -		99.1		28.2	73.7
	40	31.0	31.9	79.5	100.0		•	•	•		99.5	85.C	46.4	81.8
	35	53.1	58.6	92.7		•		•	· · - •		100.0		72.2	89.8
	30	74.2	75.9	98.7			•					99.5	88.C	95.0
	25	87.8	89.G	99.6	•	•	•	- •				100.0	96.2	97.8
	50	95.8	95.8	100.0			•			•	•		98.6	99.2
	15	100.0	99.5		•		•			•		***	100.0	100.0
	iā "		100.0	• •	•		•	••			· - ~ <del> </del>		*****	100.0
				- · · · · · · · · · · · · · · · · · · ·										
	_				:									
	-					· · · · · · · · · · · · · · · · · · ·								
	MEAN	34.5	35.9	46.1	59.0	67.0	74.9	82.2	82.4	76.€	65.6	51.9	39.3	59.6
	5 D	5.152	8.855	7.819	7.509		5.106	5.606		4.972	6.949		8.460	18.312
	TOTAL OBS	213	191	234	217	220	221	208	228	212	217	214	209	2584

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH ... SEC MINOR PAGE

### EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

41773 KOON-NI PANGE KO
STATION STATION NAME
YEARS

#### AHOLE DEGREES FAHRENHEIT

MONTH	JA	M	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP	ост.	NOV.	DEC	ALL MONTHS	,
63	•		+					+							_
_69	<u>.</u>	-+					· · · · · · · · · · · · · · · · · · ·	<del></del>			· +		<del></del> #		
	*	46.	51.*	60;≉	75.*	÷ال 8	84.*	89.*	93*	82*	71	64.*	-53.		9
72	*	50*	46*	62*	71*	78*	82*	964	93*	82*	8 014		55	*	9
73	*	51.*	59.*	60*	75:*	75,*	86*	93*	93*	82*	75.	62*	46	*	9
74		5.3≠	44+	61)*	69*	80*	84*	86 ≠	91*	8 2:*	73*	66*	48	*	9
75	*	46 +	53*	62*	78*	*E8	82*	95*	95 =	87.*	7.7,*	66	60	*	9
76	*	46	*	57*	68*	84*	87*	86*	87*	82*	71	¥ 66*			
7.7	*	39*	55*	60*	73*	78,*	87.*	93×	87.*	84*	7.7;*				9
78	*	44*	51*	1	75*	82*		95*	95*	e 7 *			59		9
79	, <b>*</b>	<u>55</u> *	59*		71*	82*		91*	93*	82 *					9
8 C	*	45*	52*	59*	70*	77.*	84*	86 *	86,*	8 2 <del>*</del>	77	66*	54	*	8
	¥								<del>-</del>					<del></del>	
	-									-					
	<del> </del>														
															_
															_
												-+			
MEAN				~											-
5. D.															
TOTAL OBS	1	213	191	234	217	220	221	208	228	212	217	214	209	25	8

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC JUL 64 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 OBS)

USE WITH CAUTION SEE FIRST PAGE

### PSYCHROMETRIC SUMMARY

STATION	. 13.2	<u></u>		\$1	K C TATION NAI	ME				•		<u> 3-30</u>		Ýŧ	ARS						і Л. ′ Энтн
																		P 4 3	= 1 		L. S. T.)
Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 30	a 31	D.B./W.B.	Dry Bulb	Wet Buil	Dew Pai
447 43		• 5	i l									1					1		2	1	1
921 41		5	تما		$\longrightarrow$				L	L				-	ļ	<u> </u>	<b>-</b>	4	- 4		
4./ 39	• 3	. 3							ļ	1							l .	2	ר	-	.  '
3:/ 37		1.3	. 5						L	<u> </u>		<u></u>					L	7	7	- 4	<u> </u>
36/ 35	• 3	2.7	2.1	• 3				1		ļ						l	1	. 3	2.0	ۇ ۋ	
34/ 33		1.9						L			<u> </u>	<b>_</b>	<u> </u>	1			<b> </b>	10	10		<del>  '</del>
12/ 31	• 3	4.8	2.1		<b>,</b>			j				1		l	•		Ì	7.7	27		
3./ 23	8	2.9	1.3						L_		L	<del></del>					↓	19	19		
23/ 27	1.3	8.0	1.9		) )			]	]	]	J				<b>i</b>			4.2	42	€:	
26/ 25	_1.1	4.3	. 8		lacksquare			L		L	L	1		<u> </u>		<u> </u>	↓	23	23	4:	
24/ 23	1.6	6.4	3.5				}		1		ļ	1	ļ	1	1	1		43	43		
22/ 21	3	6.4	1.1				L				L			<del></del>		L	↓	31	31	27	
70/ 19	- 8	3.5	1.6	}	{ T			1				1		}	1	}	]	? 2	22		
13/ 17	3	4.8	5		L		L	L		L				1				21	21	19	
16/ 15	1.1	7.2	1.1		T			1	}	{ -	{	1	]		}	1	1	35	35	ı	
14/ 13		4.0	. 8				L		L		L	1	L_				<b></b> _	18	1.8		
1_/ 11		1.9							i			1		-	1		]	7	7	15	
1/9	3	3.8					L	L		L		L					<u> </u>	15	15	<del></del>	
3/ 7	• 3	1.6			[ T		_	i -			-	1	1		1		1	7	7	9	
o/ 5	8	2.4							L			<u> </u>					ļ	12	12	13	2.6
4/ 3		• 3			- T			_			ĺ	1		1	1	1	(	31	3	1 3	1.
1/ 1	3				$oldsymbol{ol}}}}}}}}}}}}}}}}}$		L			L	<u> </u>	<b>↓</b>		<del> </del>	L		<u> </u>	1	1	4	<u> </u>
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-1 -3							ļ				<u> </u>	<u> </u>	L		<u></u>		Ļ	<u> </u>		L	<b>↓</b>
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-10/-11										ļ	L	<u> </u>	ļ	<u> </u>	ļ		ļ	Ļ		<u> </u>	<u> </u>
-18/-19									1			1		1							l
ICIAL	10.7	73.2	18.8	3						<u> </u>	<u> </u>	<u> </u>		<del></del>	L		↓	<b></b>	373		37
											1	1						373		373	<b> </b>
			L								—	<b>├</b>	<b>├</b>	+	<b>├</b> ──		<b>├</b> ──	<b> </b>			<b>├</b>
					] ]		}	]	)	]	}		]				ļ				
												<del>  -</del>		1							
Element (X)		z <sub>x</sub> ,	L		ZX		<u> </u>	-	1	No. Ob		┺	Ц	<del>-</del>	Mean I	No. of H	ours wit	fi Tempera	ure	1	
Rel. Hum.			5753		2774	. 1		12.9			73	= 0	F	: 32 F	≥ 67		73 F	- 80 F	- 93	F	Total
Dry Bulb			5490		841			8.7			73		. 5	81.8				1	1		;
Wer Bulb			0573		780			8.5			73		. 5	84.3		$\neg \vdash$			<del>                                     </del>	$\neg$ t $\neg$	Ģ
Dew Point			u3/3		572			10.6			73		2	89.5				<del>                                     </del>	+		<del></del>

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GLUBAL CLIMATOLOGY BRANCH GEAFETAC ATP WEATHER SERVICE/MAC USE WITH CAUTION

### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME 69-70,73-30 YEARS TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.8. Dry Bulb Wer Bulb Dew Paint 43/ 47 :4/ 43 • ] 2.5 2.7 1.4 L3/ 39 36 45 "J/ 35 -2 4-0 2.3 34/ 33 2.4 3: 27 63 72/ 31 4 . 7 4.0 E : 1 27 54 1.1 6.4 3.5 .2 5.0 .2 5.8 .5 4.7 10/ 25 4/ 23 E 5 é O 59 4 !, 3.1 34 51 51 2.7 / 17 2.3 3.4 15 1.7 .3 2.0 1.5 25 24 .2 1.5 12 12 1.7 11 7 Ιć • 5 / -1 -4/ -5 -9/ -9 1 -12/-13 -14/-15 655 555 4.958.032.8 4.1 Ne. Obs. Mean No. of Hours with Temperature Element (X) = 67 F = 73 F = 80 F = 93 F 72.913.513 : 0 F ± 32 F Rel. Hum. 3410910 46432 655 5171CS 69.7 Dry Buib 17589 655

655

76.8

24.6 8.080

16106

FETAC FORM 0.26-5 (OLA) REVISED REVIDUS EDITIONS OF SHI

Wet Bulb

Dew Point

438728

29454**0** 

USE WITH CAPTION SET FROM CAGE

69-70.73-50

### PSYCHROMETRIC SUMMARY

41273 KOON-NI PANGE KO WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B.W.B. Dry Bulb Wet Bulb Dew Point 47 53 • 3 2/ 51 F. / 43 48/ 47 46/ 45 • 5 1.4 • 4 19 44/ 43 .2 1.6 4.9 42/41 • 5 48 48 11; 1.7 32/ 37 2.4 1.7 39 30 65 6/ 35 43 4.3 34/ 33 4.6 52 47 33 2.5 52 46 45 46 2.7 3.9 1.4 5 <u>1</u> 34 .1 3.6 15/ 25 14/ 23 2.5 3.6 € 1 4 3 44 44 47 4.2 2/ 21 3.3 27 3.8 . 3 1 . 4 11 1./ 17 11 14/ 13 127/11, J/ • 2 ż۶

Element (X) ΣX, No. Obs. Mean No. of Hours with Temperature 2733430 Rel. Hum. ± 32 F ≥ 67 F ≈ 73 F ≈ 80 F ≈ 93 F 40766 64.013.993 637 31.3 8.261 28.3 7.952 Dry Bulb 20236 637 48.8 686251 Wet Bulb 62.3 5**5**u998 18738 637 Dew Point 20.510.936 637 13046

EDITIONS OF THIS FORM ARE (OLA) 0.26.5 4 2 USAFETAC

-7/ -3

1.326.749.619.3 3.7

GLOMAL CLIMATOLOGY BRANCH GRAFETAC AIR WEATHER SERVICEZMAC

To Site CarlingN

# **PSYCHROMETRIC SUMMARY**

STATION	<u> </u>	N-N	1 -3 A	.6£_	K 0					<u>6-) -</u>	7:,7	3-6.									NTH
STATION				51	ATION N	AME								YE	ARS			946	<u>.</u> 1	15 J	
Temp.						WET	BIH B	FMPFR	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0 1	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Dew Point
5 // 55				. 4														2	7		
4/ 53					. 4												L	2			
v27 51		1		• ?				l l		1								5			
5.7 43			-		• :		-			ļ							<b>├</b> ──	1	1		
- 1 47	ļ		• 4	• 2						İ				'				3			
- 5/ 45	<del></del> }	• 6	- 4	. 4	• *	, 4	_			1								13	1.3		· · · · ·
447 43	- 1	• 6	2 • 5	1.9	• •	. ?												42	약2	7	, ,
2/ 41 7 7 7 5	<del>+</del>	2.3	5.1	1.9	• 6			$\overline{}$		<del>                                     </del>							<del>                                     </del>	- 72	55	25	
	. 6	9	4.1	1.7	• U	}				}				ł i				41	42	٠,	
36/ 35	- 4		3.2	- 4	• 2		-			†           †								1.2	3.7	45	. 7
34/ 331	•!	3	5.3	1.7														4 3	43	5.1	3:
72/ 31	.2	1.5	3.6	2.3														43	4.0	<u>د</u> د	44
2.1. 291		1.7	5.3	1.7					_									_ 49	4.9		2.6 2.6
2./ 39 27/ 27	ſ	3.6	2.4	2 • 3			( )			ĺ		ĺĺ					{	4.7		45	16
/ 25,		- 6	1.9	1.3			<u> </u>		_	Ļ							<b>├</b>	2.0		45	46
-4/ 23 <sup>1</sup>	• 2	2.5	4.5	• 9			}			}		} }			}		ļ	4.3			
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GLORAL CLIMATOLOGY BRANCH UCAFLTAC AIG WEATHOR SERVICE/MAG

# State Part Page Page PSYCHROMETRIC SUMMARY

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Dry Bulb						$\Box$															
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USE WITH GAILTION SEE FIRM PAGE

# **PSYCHROMETRIC SUMMARY**

4-2.33 KCON-NI RANGE KO 69-72,73-6' JAN MONTH
STATION STATION NAME YEARS MONTH

Temp.						WET	BULB	TEMPE	RATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.B./W.8.	Dry Bulb	Wet Bulb	Dew Po
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lement (X)		ZX'			z <sub>X</sub>		X			No. Ob	$\overline{}$							h Tempere			
lei. Hum.			6514		1489		67.7			21		± 0 F		± 32 F	≥ 67	F	73 F	- 80 F	<b>2 93</b>	F	Total
Dry Bulb			2291		636		28.9			22				179.5				<u> </u>	<del></del>		74.
Vet Bulb			8673		573			8.6		21				554.4				<b>└</b>			741
Dew Paint		106	7024	ĺ	419	54	19.1	111.0	ากผ	21	98	41.	. 3 6	64.1		- (		i	ł	1	745

USAFETAC FORM 0.26-5 (OL.A) HIVISE REVIOUS SENIORS OF INS

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

#### **PSYCHROMETRIC SUMMARY**

4 73 KOON-NI RANGE KO 69-70.73-80 FASE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 4-/ 47 ، ن 14/ 43 42/ 41 • 6 ./ 39 3.7 2.5 11 11 2-1 1.4 3.7 i 1 33 27 35 2.6 39 6.7 35 35 7.2 32 30 25 • 6 8.0 32 . 6 21 .6 3.2 17 21 1.1 17 21 3 4 . 9 1.1 13 16 :41 1.1 4 1. . 5 4 . 3 11 12 . 7 11 - 3 ì - 3 -3/ -7 ./-11 -14/-15 7.469.021.6 348 340 Element (X) ZX' ΣX No. Obs. Mean No. of Hours with Temperature I Rel. Hum. 74.113.275 \*67 F = 73 F = 80 F = 93 F 25797 4 0 F 2 32 F Tetal 1971639 348 2581J4 225u98 25.8 8.516 66.9 71.2 Dry Bulb 8992 34P Wer Bulb 8342 24.0 8.510 348 Dew Point 18.41 .78 6418 348 77.5 166948

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GLORAL CLIMATOLOGY BRANCH USAFETAC ALL WEATH'R SERVICE/MAC

USE WITH ( ... SEE FIRST FAUL

# **PSYCHROMETRIC SUMMARY**

43073 KOON-NI RANGE KO STATION NAME

69-73,73-80

Temp.				-		WET	BULB	TEMPE	RATUR	E DEPRE	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28	29 - 30	+ 31	D.8./W.8.	Dry Bulb	Wet Bulb	Dew
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9-5/ 47			. 5	• 3				L	L		<u></u>				L	<u>.                                    </u>		<u> </u>	. 5		
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4 / 39		2.6								1								36	38	22	
3-1 37	• 3	3.1	1.8	1.5			I											41	41	4 ]	
257 25		4.4	4.9								<u>L</u>			<u> </u>				64	64	3.2	
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Rel. Hum.			2392		425	5.1	69.0				17	± 0 I		≤ 32 F	z 67		73 F	≥ 80 F	- 93 1		Total
Dry Bulb			9597		187		30.3	8.	250		17		$\neg$	47.2				<del>                                     </del>	1		-
Wet Buib			8181		169		27.5				17			60.0		$\neg$			1	$\dashv$	
Dew Point			4321		129		21.0				17		. 7	71.5					+		

GLCPAL CLIMATOLOGY BRANCH USAFETAC ALP REATHER SERVICE/MAC

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# **PSYCHROMETRIC SUMMARY**

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STATION				5	TATION N	AME									EARS			PAG	r •		
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Dew Point					-	+			-		+		+		$\vdash$	+		<del></del>	+-	$\dashv$	
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USAFETAC NAM 0.26-5 (OLA)

CLCFAL CLIMATOLOGY BRANCH US4FCTAC ATP WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

# **PSYCHROMETRIC SUMMARY**

69-7-,73-3 KOON-NI RANGE KO PAGE 0

																		,	_	HOURS	
Temp.						WET	BULB	TEMPER	ATURE	DEPRI	ESSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	» 31	D.B./W.B.			
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Wet Bulb			218		184			8.5			00			46.5				<u> </u>	+	$\rightarrow$	_ 5
Dew Point	1	39	1231	l	_ 136	25	22.1	11.6	86	- 6	ו סמ	2	. ol	64.5	l			i	_1		d

USAFETAC NOW 0.26-5 (OL A)

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GLUBAL CLIMATOLOGY BRANCH USAFETAC ATT: MEATHER SERVICE/MAC USE WITH CAUT OF SEE FIRST PAGE

#### **PSYCHROMETRIC SUMMARY**

STATION STATION STATION NAME 59-70.73-85 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 0.8-W.B. Dry Buils Wer Buils Dow Paint .../ 59 2/ 57 14/ 53 12 25 · / 49 1.2 1.8 1.8 2.6 • 8 1.4 26 44/ 43 ? - 1 42/ 41 3.4 4.4 2.0 5.4 54 4.4 2.4 3.7 3.2 49 45 27 55 28 33/ 37 - 6 1.8 • 6 49 0/ 35 1.6 34/ 33 12/ 31 2.2 2.2 47 27 22 41 29 22 38 35 34 3/ 25 34/ 23 .8 2.4 22 22 2.8 12 15 27 21 2.2 12 2.2 17 1.7 16 15 15/ 15 4/ 13 5 3 5/ -2/ -3 1. 1.419.037.929.510.4 1.8 TOTAL 499 Element (X) 7, No. Obs. Mean No. of Hours with Temperature Rel. Hum. 61.815.129 35.7 8.809 30833 = 67 F = 73 F = 80 F = 93 F 2019139 499 ± 0 F ≤ 32 F C / Bulb 675753 17847 500 29.5 West Bulb 529403 15717 31.5 8.307 499 42.8 Dew Point 334341 23.211.442 499

USAFETAC FORM 0.26-5 (DL.A) REVISE MENOUS EBITIONS OF THIS

POBM ARE

USE WITH CAUTION SEE FIRST PAGE

#### **PSYCHROMETRIC SUMMARY**

FEE 41273 KON-NI RANGE KO 69-70,73-80 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 23 | 0.8 /W.B. | Dry Bulb | Wer Bulb | Dew Point 4.7 59 5c/ 55 54/ 53 • 0 51 • 3 • 1 - 27 • 1 1 40 46 • 1 46 ws/ 47 • 8 4.2 1.5 .4/ 43 66 66 132 4 / 79 126 2.6 2.7 136 136 1.4 4.7 35 3,3 185 135 114 1.4 162 162 31 707 3.8 180 130 17J 142 2.9 1.5 214 119 126 1 27 3.7 3.4 1.3 168 158 167 142 117 117 170 165 ~4/ 23 2.7 2.4 21 74 79 79 1 3 2.4 10. 1/ 17 41 74 6 4 3 1/ 15 1.4 • 6 34 1./ 11 • 9 • 3 25 6 5 -7 -/ 59 3 ./ -1 4 I -4/ -5 Mean No. of Hours with Temperature ± 32 F ≥ 67 F = 73 F = 80 F = 93 F Tatel Dry Bulb

C 108M 0.26-5 (OLA) REVISIONES

USAFETAC FORM DISK S TO

Wet Bulb Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

SEE FIRST PAGE

69-75.73-85

#### USE WITH CAUTION PSYCHROMETRIC SUMMARY

40.73 KOON-NI RANGE KO STATION NAME WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point - /-11 -14/-15 3.233.939.517.0 2.64 2064 No. Obs. Element (X) Mean No. of Hours with Temperature ≥ 67 F × 73 F × 80 F 66.315.194 32.1 9.377 28.8 8.777 136884 66379 Rel. Hum. 9554402 2064 ≤ 32 F • 93 F Dry Bulb 2065 . 3 336 . ৭ 610 2315211 2064 2064 672 Wet Bulb .3 430.4 1874866 59512

MEVICUS EDITIONS OF THIS 0.26-5 (OL A) USAFETAC

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# USE WITH CAPTION SEE FIRST TAGE

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GLORAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

USE WITH CALLION SEE HUST PAGE

68-70.73-79

### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME FAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 9 56/ 55 5 : • 7 • 3 23 1 47 • l 1.5 2.3 1. • 6 39 39 • 3 47 43 1.5 3.2 68 4 / 76 6.5 35 2.6 3.2 4.7 2.3 5.7 3 3 15 16 14/ 23 C. 15 1: 1./ 11 3.224.438.824.2 6.9 2.2 631 561 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 46911 ± 0 F ≤ 32 F Dry Bulb 39.5 6.713 35.7 6.257 14.2 29.0 1091946 26984 681 Wer Bulb 894142 24306 681 Dew Paint 54.5

0.26-5 (OL A)

GLORAL CLIMATOLOGY BRANCH UNAFETAC AIM WEATHER SERVICE/MAC

SEE FIRST DATE

### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME 53-7C,73-10 12 10-14 P PAGE 1

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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let Bulb		151	8008		256		38.4				67			20.9					$\perp$		>
Dew Point		67	5482	1	203	74	30.5	8.9	3.3	6	67			49.4					i		9

Element (X)	2 x'	Z X	¥	<b>₹</b>	No. Obs.			Mean No.	of Hours wit	h Temperatu	10	_
Rel. Hum.	2618837	40683	61.0	14.363	567	± 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1324370	29240	43.8	7.993	667		6.3					9.3
Wet Bulb	1018008	25639	38.4	6.990	667		20.9					y ?
Dew Paint	675432	20374	30.5	8.933	667		49.4				T	9.3

USAFETAC FORM 0.26-5 (OLA) REVIED METITOUS

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GLORAL CLIMATOLOGY BRANCH USAFETAC AIN WEATHSH SERVICE/MAC

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#### **PSYCHROMETRIC SUMMARY**

STATION STATION STATION NAME <u>66-70.73-79</u> WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.8./W.B. Dry Sulb Wet Bulb Dew Point 41 63 5.9 14 1 • 3 • 3 . / 55 1. 1.3 • 3 27 51 • 2 1.3 1.5 1. 1.7 35 ìΰ 2.4 4.5 3 **7** 37 -/ 47 1.3 1. • 44/ 43 2.5 3.7 1.7 2.7 70 73 1.9 2.7 2.4 ı. 49 2.7 1.2 ₹5 1.3 3.2 47 24/ 33 2/ 31 1/ 29 2.4 57 31 1.0 40 1.5 1.2 25 11/27 E 1 27 14/ 23 / 19 12/ 17 15/ 15 1: 1-/ 13 1./ 11 <u>' , / 9</u> TTAL . 111.829.837.115.1 3.2 1.9 ب ر 594 Element (X) Mean No. of Hours with Temperature No. Obs. ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 2393894 36744 61.914.232 594 10F 1 32 F 43.4 7.514

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REVISED MEVIOUS EDITIONS OF THIS FORM 0.26.5 (OL

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60-70.73-79

#### USE WITH CAPITION PSYCHROMETRIC SUMMARY

STATION STATION STATION NAME YEARS FASE I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 0.8/w.s. Dry Sulb Wer Bulb Dew Point 4/ 63 • ì 61 ./ 59 • 3 • 2 • 1 5.5 65 Ç3 • 8 5.1 79 1.4 99 11 . . / 47 118 119 c 6 11 45 217 220 -4/ 47 3.4 2.7 1.2 • 1 221 149 36 2.5 . / 39 2.9 2. 198 198 266 130 / 351 3.1 3.6 2.5 229 . 29 223 243 33 4/ 31 .3 1.7 2.3 1.4 134 134 214 255 86 146 â6 "./ 37 1.2 115 • 3 1500 • 3 **54** -/ 23 2/ 21 41 212 / 19 91 • 7 1:/ 15 5 : 1:/ 11 15. 2331 2331 Element (X) Z X' Mean No. of Hours with Temperature Z z No. Obs. ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 10790507 154499 66.315.368 10F ≤ 32 F Dry Bulb 4052665 40.9 7.877 164.4 744 Wet Bulb 3227187 85249 36.6 6.854 2331 215.1 744 Dew Point 434.7 744 2249196 69618

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GLOBAL CLIMATOLOGY BRANCH USAFFTAC AIN WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

# **PSYCHROMETRIC SUMMARY**

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Wet Bulb			9896		172			5.8			99			1.6				<del> </del>	+		<del></del>
Dew Point			4375		157		39.5				99		-	19.8					+	+	9.

GLORAL CLIMATOLOGY BRANCH LTAFETAC ALP WEATHER SERVICEZMAC

USE WITH CAUTION Sub-PIRKT PAGE

63-70,73-79

#### **PSYCHROMETRIC SUMMARY**

STATION NO. ON-NI RANGE KO YEARS PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 74/ 73 72/ 71 1 / 69 • 1 6/ 65 13 4/ 63 1.3 1.3 31 .6 1.8 1.9 2.1 4/ 53 3.3 1.7 1.9 4.2 2 • 2 ₹6 3.6 2.7 2.1 113 1.8 1.6 3.3 3.0 .7 1.0 2.2 .4 1.9 1.3 9e/ 45 5 <sup>5</sup>. 2/ 41 72/ 37 • 1 34/ 33 1/ 31 3.8 16/ 25 1.913.526.630.919.3 6.2 2.4 67: Element (X) No. Obs. Maan No. of Hours with Temperature Rel. Hum. 3259269 45945 68.313.510 673 673 Dry Bulb 1890654 35420 52.6 6.280 Wet Bulb 1540200 31960 47.5 5.781 673

0-26-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH / USAFETAC

AIR WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

#### **PSYCHROMETRIC SUMMARY**

47.73 KOON-NI RANGE KO 68-70.73-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 23 D.B./W.B. Dry Bulb Wet Bulb Dow Point 751 77 74/ 73 • 3 ઠ 7 / 69 12 -61 65 28 1.1 52 1.1 72 72 537 57 3.1 3.1 2.5 1.2 3.5 2.6 1.2 • 6 € 4 r / 49 2.6 5.5 2.1 1.8 80 57 4./ 45 20 50 4/ 43 -21 41 • 6 55 47 3 ° 3 € 3-1 37 34/ 33 3; 1/29 15 157 25 24/ **23** · 6 · 416 · 423 · 821 · 16 · 3 8 · 9 5 · 1 1 · 1 652 652 TOTAL Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≤ 32 F ± 67 F ≥ 73 F > 80 F + 93 F Tetal 2561447 39689 63.914.948 56.9 7.155 Dry Builb 37122 2146886 652 Wet Bulb 1646211 49.9 652

0.26-5 (OL A)

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

# **PSYCHROMETRIC SUMMARY**

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USAFETAC rosm 0.26-5 (OL.A) NEVIND REVIOUS EDITORS OF THIS FORM ARE OSSOUTT

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GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

# USE WITH CALL THE PSYCHROMETRIC SUMMARY SEE FIRST PACT

43273 KOON-NI RANGE KO 68-70.73-79 PAGE 1 ALL HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.S./W.S. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 7:/ 77 76/ 75 -4/ 73 • 2 • 2 13 13 • 2 25 • 1 7./ 69 47 5.8 58 5 4/ 63 133 1./ 51 1.1 27 2 . 5 1.7 193 193 • 6 J/ 55 547 53 239 239 170 3.0 2.8 1.9 197 248 331 164 2.0 3.2 2.0 248 174 174 322 -3/ 47 2.1 1.6 2.1 163 163 273 40/ 45 2.1 1.9 171 211 -4/ 43 299 192 027 41 1.1 2.7 1.0 101 101 134 37 24 24 93 149 • 2 • 3 157 16 35 125 34/ 33 67 16 17 °5/ 25 24/ 23 2301 2311 Mean No. of Hours with Temperature Element (X) ±67 F = 73 F = 80 F = 93 F Ref. Hum. 2301 66.115.299 10603752 152186 7.2 Dry Bulb 37.5 6756492 123370 53.6 7.687 2301 8.4 47.9 6.426 Wer Bulb 2301 4. 5372209 Dew Point

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GLORAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

### **PSYCHROMETRIC SUMMARY**

41273 KOON-NI PANGE KO 68-70,73-79

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Wer Bulb			2865		208			4.5			93					-+		<b>├</b> ─	+	-	93
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USAFETAC FORM 0.26-5 (OL.A) SETTED REPORTS SETTED IN

GLURAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION STATION STATION NAME

USE WITH CAUTION SEE FIRST PAGE 68-73-79

#### **PSYCHROMETRIC SUMMARY**

| WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point ./ 79 7:1 77 76/ 75 71 1.8 67 1.4 2.9 2.2 1.5 57 5.7 2.8 2.8 98 10 4/ 63 4.6 102 102 / 59 3.5 5 c 2.6 57 2.8 50/ 55 5.6 56 2.9 2.5 2.0 1.2 2/ 51 10 10 ŝο 5./ 49 44/ 47 45 14/ 43 39 35/ 35 2/ 31 z/ 27 TOTAL 649 1.512.822.025.121.6 3.6 6.3 1.2 64 -Element (X) #47 F # 73 F #80 F #93 F Rel. Hum. 3276688 713.691 649 2 0 F # 32 F Dry Bulb 2543985 40473 640 Wet Bulb 2090357 36711 56.6 4.612 649 Dew Point

USAFETAC

GLORAL CLIMATOLOGY BRANCH JSAFETAC ATR WEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST PAGE

# **PSYCHROMETRIC SUMMARY**

47273 NOON-NI RANSE KO STATION NAME 63-70,73-79

								_												HOURS	
Temp.			<b></b>	-	-					DEPRE				,				TOTAL		TOTAL	
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141 73				• 6	• 9	1.4	1.4	1.1	• 5	• 2									3.9	+	
72/ 71			• 5	• 6	4.1	• 8	1.1	• 2		• 2				1	ł	l	Ì	4 7	4.7	'ا	-1
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																		641		64	4
Element (X)		Z <sub>X</sub> '			Z <sub>X</sub>		¥	•,		No. Ob	s. 1				Mean	No. of H	ours wif	h Tempera	lure	<u> </u>	<u> </u>
Rel. Hum.			3251		407	57	63.6				41	± 0 F		32 F	× 67		73 F	≥ 80 F	- 93	F	Total
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Wer Bulb			4687		374		58.4				41		$\top$			• 5		<u></u>	+		<u>. ر</u>
Dew Point			7534		336		52.5				41		+-	1	<del> </del>	.4			+	-	9.5

		<u>i</u>										
Element (X)	Z X'	ZX	X	• <sub>A</sub>	No. Obs.			Mean No. el	Hours wit	h Temperatu	re	
Rel. Hum.	2733251	40757	63.6	14.884	641	5 0 F	1 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2815676	42292	66.0	6.291	641			38.9	16.1	1.7		ė į
Wet Bulb	2204687	37457	58.4	4.931	641			5 • 5				93
Dew Point	1797534	33668	52.5	6.749	641		.1	. 4				7.5

USAFETAC FORM 0.26-5 (OLA) BEVIND REVIOUS IDITIONS OF THIS FORM AND ONLOTTE

GEGRAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

1916376

57.7

4.856

USE WITH CENTION SEE FIRST PAGE

#### **PSYCHROMETRIC SUMMARY**

43273 KOON-NI RANGE KO 68-70.73-79 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 7/ 51 79 7:/ 77 • 2 • 5 14 73 1.7 1.3 2.2 22 2.6 • 6 48 48 2.4 1.1 3.7 65 65 77 3.3 5.4 1.5 J 61 64 .4 1.5 36 36 1.9 1.8 °47 53 °27 51 54 F / 49 4 = / 47 44/ 45 1 0 -21 41 4:/ 39 35/ 37 35/ 35 721 31 c 4 \_\_\_\_ Mean No. of Hours with Temperature Element (X) Ne. Obs. ±67 F = 73 F = 80 F = 93 F Rel. Hum. 2326594 34044 63.914.401 542 10F s 32 F 2312741 65.0 6.089 Dry Bulb 35251 542 33.5 11.0

542

USAFETAC FORM 0.26-5 (OLA) REVISED METIOUS EDITIONS OF THIS FORM ARE OUNCIETE

GLOBAL CLIMATOLOGY RRANCH L'AFFTAC AYS LEATHER SERVICE/MAC

USE WITH CALLION SECTIONS PAGE

# **PSYCHROMETRIC SUMMARY**

STATION		<u> </u>	I GA	5	TATION N	AME						3-79	-	Y	ARS					MO	NTH
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						W 6 7		TEMBE	DATUDI	DEPR	ECCION	E)			-			TOTAL		TOTAL	. 3. 1.1
Temp. (F)	0	1 . 2	3 - 4	5.6	7.8								23 - 24	1 25 - 26	27 - 28	29 - 3	0 2 31	D.B./W.B.	Dry Bulb		Dew Pair
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/ 31																					
TOTAL	1.3	12.1	21.3	22.3	15.	111.	6.0	₹ <b>₹</b> .:	1.	7 1 -	• 6	•0		T	<u> </u>	<del>                                     </del>	†		2225	,	22.
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İ																					
Element (X)		Σ¥,			ZX		¥	•		No. O	bs				Mean	No. of 1	Hours wit	h Temperat	ure		
Rel. Hum.		1579	8512		1514	176	69.	14.			225	≤ 0	F	≤ 32 F	≥ 67		∗ 73 F	≥ 80 F	<b>2 93</b>	F	Total
Ory Bulb			3516		1402		63.1	6.	638		225				206		67.5	8.	4		74
Wet Bulb			4285		1263			5.		2						.4			$\bot$		74
Dew Point		603	1877		1149	997	51.	76.	3 D 3	2;	225			1.3	1 3	.0			_i		74.

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GECTAE CLIMATOLOGY BRANCH USAFETAC ATA AEATHTA SERVICE/MAC SER TRANS

#### PSYCHROMETRIC SUMMARY

STATION STATION NAME 56-70-73-75 YEARS WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 2 3 4 5 6 7 8 9 10 11 . 12 13 . 14 15 . 16 17 . 18 19 - 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 76/ 75 74/ 15 7.3 3 1.3 1 49 3.8 5.1 1. u 5 1 63 4.1 1.3 7.6 3.1 44 16/ 65 1.5 5.1 3.6 40 · ./ 51 57 5<u>./ 55</u> 4/ 53 5 / 45 1 47 4. / 45 Element (X) No. Obs. Mean No. of Hours with Temperature 267 F 273 F 280 F 293 F Rel. Hum. 27774.8 32842 83.410.570 394 ≤ 0 F ≤ 32 F Dry Bulb 65.3 4.161 62.2 4.429 60.1 5.491 394 1689 151 25745 33.2 4.5 Wet Bulb 1533676 24523 394 16.7 Dew Point 394

LC FORM 0.26-5 (O.E.A) REVISIO MEVICUS EDITIONS OF THIS FORM ARE OLIVICETE ALL 64

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

USE WITH CAUSES

# **PSYCHROMETRIC SUMMARY**

43273 KOON-NI RANGE KO

PAGE 1

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	231	D.B./W.B.	Dry Bulb	Wet Bulb	ew Per
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/ 81					<u> </u>	. 6	L .2	l _	l			L		l	1	Ĺ	1.	5	5	1	
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7 1/ 77	į	• 2	. 9			. 0	1.1	1						<b>\</b>	l	}	}	3.7	37		1
30/ 75	. 3	.6	. 6	3.2	7.0	1.2	. 7											5.2	52	ÿ	÷
74/ 73	. 3	. 9				.6	. 9		[								ŀ	5.0	87	17	11
7./ 71	. 3	• 6	6.0	4.2	3.5	1.5	• 3		• :	,							1	112	112	7.7	1 1
/ 69		2.4		2.9		. 6	. 3	.6										96	96	5.2	24
1./ 67	. 3	1.9	5.	5.9	1.2		• 3	• 2									T	100	190	121	7.1
(6/ 65	2	3.2				• 2	.2	• 2	Į	l				Į į	[		1	L J	53	105	3 %
64/ 53		2.4			• 6	• ?	• 2											43	4 3	11:	9:
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44/ 43																	T-"				L
42/ 41															1		1.	!!!			
CTAL	2.	14.9	23.R	27.7	14.5	6.5	4.5	1.1	•	,							T		£ 64		€64
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Element (X)	اا	z <sub>x</sub> ,			Z X	$\top$	X	- F <sub>A</sub>	Ή.	No. Ob	•. <u> </u>			لـــــا	Mean P	lo. of H	ours with	Temperat	ure		
Rel. Hum.		389	13.1		502	05	75.6	11.9	89	6	64	± 0 (		32 F	= 67	F	73 F	- 80 F	* 93	F	Tatal
Dry Bulb		326	6219		464		70.0	4 . 8	Ga	6	64				69	. 4	27.7	1.	2		Ģ.
Wet Bulb			9928		431,	90	64.9	4.5	33	6	64		I		33	• 6	3 . 8				9.
Dew Point		254	4922		409	28	61.6	5.7	84	- 6	64		T		16	. 8	2.4		T		٠, ۲

Element (X)	Z <sub>X</sub> <sup>2</sup>	ZX	X .	No. Obs.	1	نـــــــــــــــــــــــــــــــــــــ	Mean No. e	Hours with	Temperatur	•	
Rel. Hum.	38913.1	50205	75.611.9	89 664	± 0 ₽	± 32 F	≥ 67 F	≠ 73 F	- 80 F	∗ 93 F	Tetal
Dry Bulb	3266219	46461	70.0 4.8	00 664			69.4	27.7	1.2		Ç,
Wet Buib	2809928	431.90	64.9 4.5	33 664			33.6	3.8			٠, ٠
Dew Paint	2544922	40928	61.6 5.7	84 664			16.8	2.4			· · · ·

USAFETAC FORM 0.26-5 (OLA) MYHRD MEYIOUS EDITORS OF THIS FORM ART DESCRETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

STATION STATION

PSYCHROMETRIC SUMMARY

USE WITH COME TO SEE FIRST OF T

68-70.73-79

VEARS MONTH

1755 1 12 -14

																				HOURS	L. S. Y.)
Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION	F)					TOT			TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 2	25 ∙ 26	27 - 28 29	- 30 = :	1 D.B./	W.B. 0	ry Bulb	Wet Bulb	Dew Pair
-8/ F7						. ,			• ?					Ì		- 1		3	3		
6/ 95								- 2		: •								4	4		<u> </u>
14/ B3			• 3	• 2		• 2			• 3	- 3								15	l٥		
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1 79		• 2	• 5			2.1			• 5	1	• 3				ĺ		- 1	5.3	5 3	:	1
7 / 77		. 3	. 6	2.3		3.0	2.5		2	<u> </u>				∤				39	43	<u> </u>	
73/ 75	• 5		• ৪	1.8		2.9		• 5	l .	1				1			1	9.4	9.4	1 2	9
74/ 73		- 5				9			2			-	-+					5 ء	<u> </u>	3 C 6 2	1 :
77/ 71	• 2		3.3			• 6	• 5	ن <u>.</u> ن	• 2	1			į					77	77	5 ±	14
7_/_69		1.1	2.3	3.7				<del></del>		├──		+					+	42	<u>06</u> 42	111	
/ 67	• 2			2.3	1.7	• ?				ļ		1	1	1			-	- 3	- 4 € 5 €	162	
14/ 65 14/ 63	2					• 5	6	<u> </u>		<del></del>							+	29	29	113	
- 2/ 61	• -	. 2	6	• 0	• 6								- 1			1		· 6	6	50	
/ 10	• 2	. 3	• 3														1	5	- 5	<u> </u>	
7 57	• •		• 1										- 1	- 1			- 1		_	14	
5./ 55		• 2																1	1	á	
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41/ 45		-					<u> </u>			<u> </u>		$\vdash$				-+-	+	-			<del> </del>
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TOTAL	i • 4	7.9	14.03	21.5	21.7	12.3	1:10-0	4 • 3	2.	.8	• 3							57	621	657	1
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Element (X)		Z <sub>H</sub> ,			Σχ		¥			No. Ob	. 1				Mana Ma	of Hours	with Te-	eeret:	79		
Rel. Hum.			3452		455	00		13.6			57	± 0 F		32 F	≥ 67 F	_		0 F	+ 93	F	Total
Dry Bulb			7431		485			5.5			57		Ť		77.			0.3			
Wet Bulb			7842		435		66.3				57				43.	* -	. 3	• 3			9
Dew Point			8628		437			6.0			57				19	$\overline{}$	4				7.

SLOBAL CLIMATOLOGY BRANCH USAFETAC ALE WEATHER SERVICE/MAC

# USE WITH CAUTING SEE FIRST PAGE PSYCHROMETRIC SUMMARY

47273 KOON-NI PANGE KO STATION NAME 68-70,73-79

Temp.						WET	BULB	TEMPER	RATURE	DEPR	SSION	(F)						TOTAL		TOTAL	
(F)	Q.	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Daw P
3/ 97								• 1										1	1		1
5/ 55		Ĺ	l		l	• 2	L. • 3	.2	L	_ 1		1 i					1	3		s	l
4/ 53						• ?	• 2	. ?	I		1							3	,	:	
· / 41		ĺ	. 4	i .:	L • 1	1.2	1.4	1.2	. 7	• 2	l	1 1		Į.	[	l	<b>.</b>	3.3	33	5	ļ
. / 79	•.'	. 4	. 4	. 4	• 5	1.9		1.1	• 3	. 4								7.2	37	? .	
7.1 77		. 7	9	. 5	3.	1.2	2.9	L	1.2	1							J	<sub>2</sub> 3	5	33	
- / T.		. 7	1.4	1.3	3.7	3.4	1.2		. 4	• 3	1							72	7.2	9	
<u> 147 71.</u>	_ 4	_ 4	1.4	3.7	4.5	1.3	- 9	-2		Ь		<b>_</b>		Ļ			┷—	7.5	75		
7 / 71	. 4	• 2	4.1	2.7		2.1	• 5	• - 3	1								1	- 6	3 6	1	
1 2		1.8	3.7	3.7		. 9	ļ		- 2	<b>!</b>		<b>↓</b>		ļ			<b></b>	78	7.5		
/ / 57		. 4	3.4				• ?	• :										· 1	5 1		
16/ 65+		1.1	2.7	1.4			- 2			<u> </u>	<u> </u>	<b>↓</b>			<u> </u>	L	<del> </del>	36			
47 83	• 5	. 9	1.5	1.1	• 5		• "		1	1	1				]				2.8	1	
			7	5			⊢-				├	+		_			┿	7	7	6.7	
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<u>:/ 57,</u>		• •	<u> </u>	<u> </u>			<u> </u>		<b></b>	<b>├</b>	-	+					<b>+</b>			7 - 21	3
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TAL	1.4	6.7	21.4	20.1	23.5	12.9	3.3	3.4	1.6	. 7							Ţ		566		56
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Element (X)		Σχ'			Z x	Τ-	R	7,	$\vdash_{\top}$	No. Ol	<u> </u>	<u> </u>			Mana h	fa. of t	dours with	Temperat	ure	l	[
Rel. Hum.			1930		394	1.8		13.0			66	± 0 f		32 F	± 67		≥ 73 F	≥ 80 F	≥ 93	F	Total
Dry Bulb			1262		409			5.2			66		<del>-   -</del>	<del></del>	77		43.3		_	$\neg + \neg$	9
Wet Bulb			5811		371			4.4			66	_			36		5.9		7		
Dew Point			9364	_	347		61.3				66		_+_			• 3	2.4		+		

Element (X)	Σχ' ]	ZX	Ţ	<b>*</b> *	No. Obs.			Meen No. e	f Hours with	Temperatur	•	
Rel. Hum.	2841930	39418	69.6	13.085	566	± 0 ₽	± 32 F	≥ 67 F	≥ 73 F	• 80 F	≥ 93 F	Total
Dry Bulb	2971262	40902	72.3	5.234	566			77.4	43.3	7.5		9 1
Wet Bulb	2445811	37121	65.6	4.460	566			36.3	5.9			<b>ÿ</b> .:
Dew Point	2149364	34722	61.3	5.799	566			15.3	2.4			91

SECHAL CLIMATOLOGY BRANCH L'AFETAC ALR WEATHER SERVICE/MAC

# SEE FIRST PAGE PSYCHROMETRIC SUMMARY

STATION	<u> </u>	UN-N	1 PA	NGE ST	ATION N	AME				<u> 68-</u>	70,7	3-19		¥	E ARS					MO	NTH.
																		PAG	. 1	HOURS	L L L. S. T.I
Temp.										E DEPRI								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 -	16 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 21	29 -	30 = 31	D.8./W.B.	Dry Bulb	Wet Buib	Dew Po
3/ 27						•			1 .	^								4	4		
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75	• ?	• 7	• 7	2•0 3•9	2.5		1.1	•	٠ ا	1 • 0	1	l			1	1	1	212	22 <b>2</b> 255	75	4
14/ 73			1.0				<del>- • </del>	•	<del></del>	1	<del> </del>	ł	<del>                                       </del>	Ī	<u> </u>	┼──	+-			$\frac{-75}{177}$	4
1 / 71 1 69	• 3	2.5	4.1	2.7	3.3	1.1	• ້	•	•	1								294 286	294 236	117 245	- 4
./ 67	• 3	1.4	3.9		1.2	•	.1		,	+	<u> </u>	<del> </del>	<u> </u>	1	<del>                                     </del>	<del>                                     </del>	+-	249	243	243 361	21
6/ 65	- 4	3.1	3.7	1.8			7	•	-							1	- 1	225	225	357	26
4/ 63	. 2		2.5	1.2	• 5	•	. 1	•			<b>†</b>		<del> </del>	<b>†</b>	†	<del>                                     </del>	+	172	172	349	31.
/ 61		1.4	1.4	3	. 1	:,				ŀ					l			78	73	316	31
/ 59	. 4	1.1	1.4	• 3	• 2	•	,				1		<u> </u>					77	77	155	44
:/ 57	.1	. 2	. 1	. 1	• 3		1											14	14	173	2
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4 V 39																					
LITAL	2.4	14.7	25.4	21.1	17.2	201	1 6.3	2.	4 1.	<u>q • 4</u>		<u> </u>	<del></del>	-	-	ļ			2281		226
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Element (X)		Σχ'			t x		X	•,		No. Ol	s. [				Mean	No. of	Hours wit	Temperer	ure		
Rel. Hum.		1278			1677	65	73.6	13.	503	2.2	81	10	<b>F</b> :	≤ 32 F	2.67		■ 73 F	- 80 F	- 93 1		Total
Dry Bulb		1146			1611	79	70.7	5.	728		81				537	• 6	275.9	41.	4		7,
Wet Bulb			7257		1482	_	65.7	4.			81				27:		38.8		6		7.
Dew Point		867	55.16	l .	1400	42	61.4	لمكا	835	22	81				129	- 3	19.3				7.

GLUBAL CLIMATOLOGY BRANCH UCAFETAC AIR WEATHER SERVICE/MAC

USE WITH CAUTION, SEE FIRST PAGE

### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME <u>65-70.73-79</u> PAGE 1 <u>3613-696</u> HOURS (L. S. T.)

																					L. S. T.)
Temp.										E DEPR								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pei
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°c/ 75	. 3	4.9	7.0	1.8	1.1							Г						56	66	5.0	2 -
14/ 72		5.7	6.5	3.9				L		┸		1	L	L				66	_66	5.3	. 5.t
721 71	1.3	4.4	5.4	1.3	• :								i		l		ł	4.3	49	F 9	
7_/ 69	_1.3	المك			-3		<u> </u>	<u> </u>	1	↓	1	↓	<b>↓</b>	<u> </u>				5.3	_53		51
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14 61		1.0			<u> </u>	<u> </u>	ļ	L	<b>└</b>	+-	ļ	<b>-</b>	-					6	6	1.6	1:
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Wet Bulb			1192		271		70.4				86		+-		78		31.3				93
Dew Paint			4381		266		69.0				86		$\dashv$		63		<u> </u>			-	<del>- 93</del>
			7.0		_496		U7 .				.00				. 0.3	e OI	4104	1 10	<i>-</i>		

USAFETAC POM 0.26-5 (OLA)

GLURAL CLIMATOLOGY RRANCH USAFETAC ATP AFATHER SERVICE/MAC

# USE WITH CANTRON PSYCHROMETRIC SUMMARY

STATION	<u> </u>	QN-N	<u> </u>	51	ATION N	AME				00		<u> 73-79</u>		YE	ARS						MYH.
																		PAS	: !	HOURS	1
Temp.	-			_						E DEPR								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 1	6 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	<b>* 31</b>	D.8./W.8.	Dry Bulk	Wet Bulb	Dow
3.7.31							• `	• 2	ļ		}	1 1	]	}	i			2		?	1
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5/ 85		<u> </u>	1.3	_	1.	1.4	• 3	• 3	-	+	<b>⊢</b> −	╁	+				<u> </u>	- 3 43	4.3	<del>}</del>	+
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/ 70		2.4			1.3	1.3	. 3			+	<del>                                     </del>	1 1	+					83	9 3		
7 1 77	. 5	_	5.3	5.9	1.8			• ~	ļ			1			ł			127	127		
75/ 75	. 7				3.		• ?					1 1						ê4	2 6		
74/ 72	1.1	1.3	4.7		. 6	I .												7.3	7 3		
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7 / 69	• 5	1.1	1.3	-3		lacksquare		<u> </u>	Ĺ	<u> </u>	ــــــ	11						20	25		
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Element (X)		ž <sub>X</sub> ,			Z X		X	7,	Ί	No. O	) B .				Mean No	o of He	ours with	Temperat	ure		
Rel. Hum.			5541		497			10.6			22	= 0		32 F	≥ 67 F	$\overline{}$	73 F	- 80 F	• 93	F	Tere
Dry Bulb			6193		481	_		5.1			22				9.0		79.1	30.	-		
Wet Bulb			1033		452		72.7				22				56.		50.1	4.			
Dew Point		310	7406		438	5.8	711.5	4.9	0.2	6	22	L			7.3.	. 3	35.7	2.	51		

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

USE WITH LAUTION 47273 KOON-NI RANGE KO STATION HAME

PASC 1

																				MUUMS	(L. S. T.)
Temp.	-	-				WET	BULB 1	TEMPER	ATURE	DEPRES	SION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	9 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>≥ 31</b>	D.B./W.B.	Dry Bulb	Wer Buil	Dew Pai
26/ GF	-					• ?												1	1		
34/ 93				l i	1 1	2	. 2	. 5		. 2								6	6		
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18/ 87		• 5		• 3	• 3	1.5		• 7	• 2									7 2	32		
5/ 5°		. 3	1.6	. 7			• 7	Ε		l l								54	54	؛ ا	,
4/ 83		. 3		3.6	2.1	2.1	1.1		• 3									77	77	1 2	2
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7/ 79		• 5	2.0	6.6	1.5	1.8	·.	• 3							, i			79	79	٠	1 1 2
75/ 77		3.1		5.6														97	97	7 1	40
70/ 75	• 2	2.6	3.0	3.3	. 7													62	62	118	
74/ 73	. 1			1.5									L					25	25	116	1 - 5
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Element (X)		Σχ'			ZX	$\top$	¥	<b>₹</b> ,	$\neg$	No. Obs					Mean N	lo. of H	ours with	Tempere	ture	<u>-</u>	1
Rel. Hum.		347	38ú0		453	94	74.4	12.5	38	6	ιo	≤ 0	f :	: 32 F	≥ 67	F .	73 F	= 80 F	+ 93	F	Tatal
Dry Bulb		396	5536		490		80.4	5.6	59	6.	เอ				92	. 1	86.3	54.	1 1	• 1	4
Wet Bulb		336	4771		452		74.1	4.2	93		L C				90	• 0	61.0	9.	e		۶.
Dew Point			0095		434		71.2				10				74		39.6	4.	-		9

69-70.73-79

USAFETAC NORM 0.26-5 (OLA) REVISE REV

1 USAFETAC FORM 0.26-5 (OLA) REVISE MEVIOUS IDITIONS OF 1

GLORAL CLIMATOLOGY BRANCH UCAFETAC AIN MEATHER SERVICE/MAC

47273 KCON-NI PANGE KO

USE WITH CAUTIONS
SEE FIRST PAGE

66-70.73-79

# **PSYCHROMETRIC SUMMARY**

STATION				3,	ALION N	MIL									LAKS					MU	• • • •
																		PACE	1	HOURS ()	- 17.
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	2 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
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5/ 85			1.7					• 6			!			l	l	ł	1	40	4.	ا ج	
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. Hum.			7658		398	0.2	74.3				36	± 0 1	· ;	32 F	<b>2 67</b>		≥ 73 F	≥ 80 F	• 93 f	- 1	Total
Bulb			3968		431		80.5				36				91	• 8	87.6	51.5	1	. 7	
Bulb			<b>U859</b>		397		74.2				36	,	$\neg$			.6	59.7				
w Point			4837		381		71.2				36		-			.6	39.0			$\overline{}$	

GLOBAL CLIMATOLOGY BRANCH USAFETAC ALS MEATHER SERVICE/MAC

SEE FIRST PASS

#### USE WITH COURTS PSYCHROMETRIC SUMMARY

579.6 284.6

744

47.73 KOON-NI RANGE KO STATION NAME 68-70.73-79 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 a 31 D.B.W.B. Dry Bulb Wet Bulb Dew Peint o/ 95 1.7 91 26 59 26 65 65 .: 1.3 2.5 11 1.6 1.7 1.4 197 197 23 / 79 1.6 2.8 4.2 1.2 1.4 255 139 59 4.0 7:/ 17 363 5/ 75 .5 2.6 5.0 266 266 3 = 7 235 191 191 340 71 71 1.9 125 90 2.6 125 326 324 20 294 266 · / 67 1.2 49 +9 186 264 : 3/ 65 F4/ 63 18 18 143 57 £./ 59 41 5:/ 57 5:/ 55 3. 317. 727. 323.4 2154 2154 Zx' Element (X) No. Obs. Mean No. of Hours with Temperature 78.212.376 78.3 5.964 Rel. Hum. 2154 134875 18 168350 5 0 F ± 32 F \*67 F = 73 F = 80 F = 93 F Total 723.6 632.4 306.7 696.7 417.6 51.1 2154 Dry Bulb 13271844 168590 744 Wet Bulb 11547852 157408 73.1 4.569 2154 744

2154

g 0.26.5

Dew Point

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192

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

## USE WITH DOUTING PSYCHROMETRIC SUMMARY SERVERS (1945)

STATION STATION NAME 68-70,73-79 YEARS 76 0-79 DE HOURS (L. S. T.) PAST 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint 4/ 93 / 81 2.2 3.4 8.2 7.2 1 79 28 4 4 . 3 70/ 77 76/ 75 2.711.1 7.0 2.2 36 47 74/ 73 1.4 4.8 727 71 1.4 4.1 2.9 67 63 1.4 1. 46 45 2.7 69 54 2.2 32 6-/ 67 . 2 1.3 36 1.3 56/ 55 3.4 1.3 1.7 14/ 63 32 1 3 13 37 4./ 59 22 57 132 5./ 55 2/ 51 7.538.635.313.3 414 4:4 414 Element (X) X No. Obs. Mean No. of Hours with Temperature Rei. Hum. 3112545 35731 86. 8.339 10 F ± 32 F = 67 F = 73 F = 80 F = 93 F 414 Dry Bulb 30613 73.9 4.216 8 € 2 ت 65.4 2271301 414 ş : Wet Bulb 2102778 71.1 4.589 29444 414 43.1 Dew Point 2015781 28807 414

USAFETAC FORM 0.26-5 (OLA) REVISIO MENDUS EDITIONS OF THIS FORM

GLORAL CLIMATOLOGY GRANCH USAFETAC ATR WEATHER SERVICEZMAC

USE WITH CALL THE SEE FIRST TAGE

### **PSYCHROMETRIC SUMMARY**

43273 KOON-NI RANGE KO <u>68-70,73-79</u>

<del></del>																				HOURS (	
Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	_		_	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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72/ 77	• 3	4.0		3.9	i	• 7	• 5	• 1							[ ]			1.32	122		
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Rel. Hum.			5703		525	69		10.5			69	± 0 1	. ,	32 F	× 67		73 F	- 80 F	<b>→ 93</b> (	F	Total
Dry Bulb			4419		526			4.3			69		1		91		84.9		5		7.
Wer Buib			6315		493			4.2			69		$\neg$		85		64.4				9.
Dew Point			2752	_	477			5.1			69				76		45.6	1.6		$\neg$	9

USAFETAC FORM 0.26-5 (OL.A) REVISIO REVIDUS EDITORS OF THIS FORM ARE OBSOUTED

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SEE FIRST PA

68-17.13-19

### OSE WITH COLOT IN PSYCHROMETRIC SUMMARY

10.5

STATION STATION HAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 a 31 0.8 W.B. Dry Bulb Wer Bulb Daw Point 5/ 75 54/ 93 13 13 • 3 ·2/ 91 1.1 1.4 1.1 .5 1.9 2.8 3.1 62 18/ 87 .9 1.4 • 5 11 5.7 47 80 4.6 • 2 111 111 2.9 1.9 • 8 4. j 3. 3 2 • 🗇 1.1 1.7 3.1 1.4 • 5 70 7.3 - 1/ 79 lڌد 35 75/ 75 . 9 1.7 35 1.2 - / 69 5./ 67 • 3 4 0 .4/ 63 4./ 59 12/ 57 567 55 4/ 53 627 51 546 546 1.1 6.018.325.119.614.7 - 4 5.0 1.1 TOTAL Zz' No. Obs. Mean No. of Hours with Temperature Element (X) ≥ 67 F = 73 F = 80 F = 93 F ± 0 F ± 32 F Rel. Hum. 72.211.930 546 3456430 46616 92.9 Dry Bulb 82.2 4.756 90.1 68.2 4376022 53080 645 89.0 72.3

646

EDITIONS OF THIS PORM ARE MWS20 0.26-5 (OL A) 4 N USAFETAC

Wet Bulb

Dew Point

48583

<u>36655ü8</u>

75.2 4.355

SLOHAL CLIMATOLOCY BRANCH USAFETAC AIR WEATHER SERVICITMAC

USE WITH AND

#### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME 60-70,73-79 YFARS PASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 - 14 15 . 16 17 . 18 19 . 20 21 - 22 23 - 24 25 . 26 27 - 28 29 - 30 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point . 7 .61 25 • 3 \_/ 0: 12 • ? • 9 12 37 57 5.4 1.3 3.2 5.4 79 1.9 6.3 1.5 • 2 • 9 161 101 4 . 4 1.2 55 73 4.3 67 57 16/ 75 14/ 73 · 3 1 · 2 1 · 7 1 . 4 145 . 7 • 3 ֓ 47 1 51 59 5-7 67 66/ 65 .4/ 03 9 3/ 57 55/ 55 4/ 53 12/ 51 5.1.49 1.4 4.916.729.217.212.5 4.9 5.3 2.4 5 0 6 5.06 TITAL Element (X) ž z i Mean No. of Hours with Temperature 2 1 No. Obs. ¥ 267 F 273 F 280 F 293 F Rel. Hum. 3098356 41788 71.712.392 586 ± 0 F ± 32 F Total

586

586

586

93.0

89.8

79.2

90.6

72.2

50.0

68.9

4.8

93

82.3 4.617 75.2 4.128

71.9 5.423

48252

44075

FETAC FORM 0.26-5 (OLA) HIVISE MENDUS EDITIONS OF THIS FORM ARE OBSOLETE

Dry Bulb

Wat Bulb

Dew Point

3985602

3324995

3350567

GLUSAE CLIMATOLOGY PRANCH DIAFETAC AI DIATHIR SERVICEZMAC

SEE TO THE

### PSYCHROMETRIC SUMMARY

4 73 KON-NI PANGE KO 68-70.73-79 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B.W.B. Dry Bulb Wer Bulb Dew Point 105 •6 1•1 Ĩ. 1.5 • 2 • • • • -3.1 1 . 3 • 1 2 % 3 • 1 2.3 4 . 2 • 1 • 74 . | 2.1 3.2 3.9 1.5 27 4. 5/ 75 2 4 2 337 3.1 2.9 242 1.0 . 4 .4 1.3 ○4 1.4 ./ 57 117 16 • 1 • 6 4/ 63 14 151 • 2 - 3 53 5 507 05 547 53 -/ 231 2315 2.714.124.624.214.4 9.5 6.0 2.9 Z x ' ZX Element (X) ¥ No. Obs. Mean No. of Hours with Temperature ± 0 F ± 32 F Rel. Hum. 76.412.380 2315 ≥ 67 F ≥ 73 F > 80 F ≥ 93 F Total 13673039 1769-4 134584 79.7 5.473 171408 74.1 4.561 165222 71.4 5.431 2315 2315 Dry Bulb 14737:44 727.9 674.6 402.4 744 Wer Bulb 6.6.5 518.1 52.4 744 12734596 Dew Point

TAC FORM 0.26-5 (OLA) BEVIND MEVIOUS EDITIONS OF THIS FORM ARE OBSOILER

GLETAL CLIMATOLOGY SRANCH GLAFETAC AIM WEATHER SERVICEZMAC

US: With 4870% Co. Past PAC:

### **PSYCHROMETRIC SUMMARY**

47173 KOON-NI PANGE KO STATION NAME 65-77.73-75 PAGE 1

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USAFETAC FORM 0.26-5 (OLA) REVIND MEYICUS EDITIONS OF

GEGRAL CLIMATOLOGY BRANCH USAFETAC A:- #EATHER SERVICE/MAC

USE WITH COURTS

### **PSYCHROMETRIC SUMMARY**

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Rel. Hum. Dry Bulb			1876		482			11.5			36	101	<u>-                                    </u>	32 F	≥ 67		73 F	- 80 F	► 93 -	<u>-</u>	Total
Wer Bulb			1742		449			5-1			36				72 42		33.3	3.	<del>}</del>	$\dashv$	7
Dew Point			8426 1937		417 397		<u>62.5</u>	5.3			36				24		8.2		—-		

USAFETAC notes 0.26-5 (OL.A) REVIND MEVICUS SOFTONS OF THIS FOLIM AND OLDICATE

BLOBAL CLIMATOLOGY BRANCH USAFETAC ATA WEATHER SERVICE/MAC

USE WITH CARROY PACE

### **PSYCHROMETRIC SUMMARY**

47,73 KOON-NI RANSE KO
STATION STATION NAME 6-70,73-70 8458 1

																					(L. S. T.)
Temp.			•	,			BULB .											TOTAL		TOTAL	
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Rel. Hum.		_	3277		415	7 1	65.7		_		32	5 0 1	· ] ,	32 F	≥ 67	_	73 F	> 80 F	- 93	F	Total
Dry Bulb			1825		476		75.3				32		—		84		67.5			-+-	À.
Wet Bulb			6729		425		67.4				32		+		53		16.1		+		9 ;
Dew Point			8482		395		62.6				32	<del></del>	$\rightarrow$		26	_	7.1	-	+	+	9.
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Element (X)	Zg²	z <sub>X</sub>	¥	₹,	No. Obs.			Meen No. e	f Hours with	Temperatu	re	
Rel. Hum.	2643277	41513	65.7	13.587	632	± 0 F	s 32 F	≈ 67 F	≥ 73 F	≥ 80 F	- 93 F	Total
Dry Bulb	3601825	47601	75.3	5.131	632			84.3	67.5	17.9		À.
Wet Bulb	2886729	42579	67.4	5.356	632			53.8	16.1			9 ]
Dew Point	2508482	39542	62.6	7.392	632			26.2	7.1			9_

GLCHAL CLIMATOLOGY BRANCH USAFETAC ALP MEATHER SERVICE/MAC

63-77.73-79

# PSYCHROMETRIC SUMMARY

STATION STATION STATION NAME WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.S./W.S. Dry Bulb Wet Bulb Dew Point / 84 11 17 5/ PS 11 4/ 83 5.2 / 31 3.9 1.4 3.9 4.3 3.6 109 1.09 2.2 1.3 3.8 2.2 1.6 €6 . / 59 . 7 1.3 1.4 1.1 1.1 1.3 40 34 -67 65 -47 63 13 • 2 4/ 50 <u>:/ 47</u> 45/ 45 :2/ 41 1 . 55-.2 5.9 9.715.117.221.717.610.1 2.3 TAL 557 557 Rel. Hum. 2388957 64.013.379 10F ≤ 32 F = 67 F = 73 F = 80 F = 93 F 35651 Dry Bulb 75.4 5.214 67. 5.314 95.5 66.6 3181631 41997 18.9 Wet Bulb 53.3 2517949 373**33** 557 14.2 Dew Point

0.26-5 (OL A)

NEWCLASSESSES OF THIS FORM ANT ORLOSTS

GLGRAL CLIMATOLDGY BRANCH GRAFLTAC AIR HEATHER SERVICEZMAC

USE WITH CAUTION SEL FIRST PAGE

### PSYCHROMETRIC SUMMARY

7.273	<u> </u>	0N-N	IRA	NGE s	KO	AME				<u>5 d -</u>	70.7	73-7 <u>^</u>		YÉ	ARS					E D MTH
						_											PAS	€ 1	<b>د</b>	L L L. S. T.)
Temp.						WET	BULB	EMPER	RATURE	DEPRE	SSION	(F)					TOTAL	T	TOTAL	
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Vet Bulb			9281		1465		65.9				26				357.1			1	$\neg + \neg$	72
Dew Point			4542		1379		62.0				26		+		185.7			1-		72

USAFETAC FORM 0.26-5 (OLA) NEWIND MENOSA

CLORAL CLIMATOLOGY BRANCH LSAFETAC ATA WEATHER SERVICE/MAC

47:73 KOON-NI RANGE KO

# SEE FIRST PAGE PSYCHROMETRIC SUMMARY

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Wer Bulb			7997		216		49.3	6.5			40		-	. 4	_	• 2	_		<del>                                     </del>	1	$\neg + \neg$	· · ·
Dew Point			8341		205			7.5			40		-+-	4.2			<del></del>		<del></del>			٠

63-72.73-79

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

E ISE WITH CAUTION SEE FIRST PAGE

63-70,73-79

### PSYCHROMETRIC SUMMARY

47273 KOON-NI HANGE KO PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 75/ 77 12/ 71 - 1 ۲ 1 51 67 1. 2 • 1 ? . 6/ 65 2.5 ê 4 15 44/ 60 2.2 4.5 1.6 76 93 <u>ا</u> د 1 0 1 57 55 /د ۶ 1.5 = 4 0.0 57 2 . 5 • 7 1.9 • 1 63: 38 69 27 51 • 6 • 1 2.2 1.3 20 42 46 47 1. 67 42 14/ 43 51 21 .6/ 35 2/ 31 4 10/ 27 <u>i./\_25</u> 4/ 23 21 21 / 19 673 673 3.412.624.133.518.9 8.0 2.2 TATAL ZX Mean No. of Hours with Temperature No. Obs. Element (X) Z X I

± 67 F = 73 F = 80 F = 93 F ± 32 F Rel. Hum. 3537088 47963 71.313.309 10F Dry Bulb 58.9 6.535 673 10.6 .4 39622 2361396 36181 33089 53.8 6.207 Wet Bulb 673 1971009 Dew Point 1667161 673

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC SEE FIRST PAGE

### PSYCHROMETRIC SUMMARY

STATION STATION HAME

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PAGE 1 1 14.0

Temp.							BULB											TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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70/ 77			ł			3	1.1	2		1	L			<u> </u>	l :			ادد لل	11	L	l
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Dew Point			5294		328		49.7				61			1.3		. 8		Γ		$\rightarrow$	ڼ

USAFETAC FORM 0.26-5 (OL.A) BEVIND MEVIOUS EDITIONS OF THIS FORM ARE DESCRIPT

GLORAL CLIMATOLOGY BRANCH L. AFETAC ATR "FATHER SERVICE/MAC

# SEE FIRST PAGE PSYCHROMETRIC SUMMARY

45.273 KOON-NI RANGE KO 68-75,73-79 PAGE 1

																				HOURS (	L. S. T.I
Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	9 - 30	a 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pair
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Rel. Hum.			4621		338	64		11.5			68	= 0	,	: 32 F	. 67		73 F	- 80 F	• 93	F	Total
Dry Bulb			8373		366			6.8			6.8				34		8.5				4.3
Wat Bulb			1172		320			6.2			68				3.		<u> </u>		<del>                                     </del>		7 7
Dow Point			8241		282			7.9			68		-	1.5		5			+ -	_	9.7
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USAFETAC FORM 0-26-5 (OLA) REVISO METORS SOFTONS SOFTON OF THIS FORM AND OBSOLES

GLUBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

47273 KOON-NI RANGE KO

68-70,73-79

# SEE FIRST PAGE PSYCHROMETRIC SUMMARY

PAS5 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 \* 31 D.8./W.B. Dry Bulb Wet Bulb Dew Point - / 79 7\_/ 77 • 2 75/ 75 43 48 43 1.2 1.1 1.1 132 1 12 1 59 1.8 1.9 5 / 67 2. 2.3 3.1 1.4 • 5 242 242 34 • 2 198 198 4/ 63 .6 1.7 2.7 2.1 248 173 173 189 -6 / 59 3.0 1.0 115 1.2 1.5 1.6 235 235 232 • • 1 5.7 1.8 1.2 1.7 1.6 5./ 55 1.4 281 1.1 152 152 19 27 51 5 / 49 1.4 1.4 1.0 • 6 113 219 264 • 0 113 291 89 89 £ / 47 135 52 199 62 4.45 47 47 21ú, 35 146 63 45 17c 11 11 41 63 - 3 • 1 13/ 35 11 31/ 33. 3 ė 1./ 31 17 1 1 71 14 Element (X) No. Obs. Mean No. of Hours with Temperature = 67 F = 73 F = 80 F = 93 F Rel. Hum : 32 F 2 0 F Dry Bulb Wer Bulb De- Point

(OL A) 0.26.5 12

CLOCAL CLIMATOLOGY BRANCH LYAFETAC AIR REATHER SERVICE/MAC

### $\frac{\text{USt}(A)}{\text{SEE}} = \frac{1}{4} \frac{1}{4} \frac{1}{4}$ PSYCHROMETRIC SUMMARY

4 TOTAL KOON-NI RANGE KO STATION NAME 65-7 .73-19 PACH

																				HOURS	L. S. T.1
Temp.						WET	BULB T	EMPER	RATURE	DEPRE	SSION (	F)						TOTAL		TOTAL	
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Rel. Hum.		1116	2004	_	1577		67.1			23		<b>5</b> 0	<b>.</b> .	32 F	± 67		73 F	- 80 F	2 93	F	Total
Dry Bulb			8232		$\frac{1577}{1418}$	34	60.6	1304	7/1			= 0	<del>'   '</del>	- 34 7	19t		37.2		+	`	744
Wet Bulb										23			$-\!\!\!\!+\!\!\!\!-$	<del>, ,</del>					+	-+-	
			9698		1273		54.4			23			_	1.0	17		• 3		-		744
Dew Point		576	9037		1147	49	49.0	7.9	18	23	42 L		4	18.7	- 3	. 5		L	ı		794

USAFETAC FORM 0.26-5 (OLA) HIVIND MIVIOUS EBINOUS OF THIS FORM ARE DESCRIPE

GLOBAL CLIMATOLOGY BRANCH JSAFETAC ATT WEATHER SERVICE/MAC

# USE WITH CAST OF PSYCHROMETRIC SUMMARY SECONDS OF THE CAST OF

43.73 KOON-NI RANGE KO 63-70,73-77 YEARS 5 4 GF 1

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Temp.		,	, —	,						DEPRE								TOTAL		TOTAL	-
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Element (X)		Z <sub>X</sub> ,			ZX	$\Box$	X	<b>₹</b>		No. Ob	. [						ours wif	h Temperati	_		
Rel. Hum.			7804		338	168	80.8	12.0	34		19	± 0 l		32 F	2 67	F '	73 F	- 80 F	× 93	F	Total
Dry Bulb			3583		165		39.4	8.9	2.2		19			25.3					—	$\rightarrow$	
Wet Bulb			2481		155			8.2			19			31.6				<b></b>	—	$\bot$	4;
Dew Paint		5.2	3821	1	141	5.0	22 (	110.4	17	4	• • •		- 1	41.7	ri .	1		1	1	1	

Element (X)	Z X'	ZX	X	<b>₹</b> A	No. Obs.			Mean No.	of Hours wif	h Temperatu	10	
Rel. Hum.	2797864	33868	80.8	12.004	419	2 0 F	± 32 F	≥ 47 F	≥ 73 F	- 80 F	∗ 93 F	Total
Dry Bulb	693583	16507	39.4	8.922	419		25.3				I	3
Wet Bulb	612481	15585	37.2	8.956	419		31.6					<u> </u>
Dew Paint	523827	14159	33.8	10.417	419		41.7					

USAFETAC FOLM 0.26-5 (OL.A) REHIND MEMOUS EDITIONS OF THIS FOLM AND ENCOURTE

GLOBAL CLIMATOLOGY BRANCH UNAFETAC ALM WEATHER SERVICE/MAC

WISE WITH CANTION

### PSYCHROMETRIC SUMMARY

STATION STATION STATION NAME

65-71,73-79

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Temp.		,		,						DEPRE				,			<del>,</del>	TOTAL		TOTAL	
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4/ 53		2.1	4.3	1.9		•	i i	i		1 1	1			i				5.9	5.9	,	
2/ 51	• 6		2.7	1.4	• 3	. 2												49	42	ن 4	
5 / 49	. 6		2.9	2.3	. 3	'-				1					'			5.3	5.3		
12/ 47	1.1		2.3	1.5	• 3	. 2											1	46	46	- 7	
45	5		2.4	2.1		• •							ı	1	i '			4.6	46		1
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3.1.37	• 6	1.7	1.7	2.0				. 1									1	37	ر - 7 ق		, ,
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Dry Bulb			4403 6332		469 292	<del>/ 3</del>	44.7				55	2 0 1	<u></u>	8.9		_	73 -	- 80 F	+ - 73	<del></del>	10101
Wet Bulb			<u>0334</u> 3743	<del></del>												•1		<del> </del>	+	<del></del> -	
Dew Point				<del></del>	267	04	<u>40.9</u>				55			19.8		+		<del>├</del> ──	+		<u> </u>
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USAFETAC FORM 0.26-5 (OL.A) MYSED MEYOUS FETIONS OF THIS

GEOBAL CLIMATOLOGY BRANCH LEAFETAC ALR WEATHER SERVICE/MAC

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<u>65-72,73-79</u>

### SEE FIRST THAT PSYCHROMETRIC SUMMARY

STATION STATION STATION NAME 12 1-14 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint 1 51 3. 2. 1.7 5.7 55 47 53 3.6 1.7 29 С. ; 1.1 1.1 34 - / 47 1.1 1.7 1.3 34 3.6 1.3 4 3 2/ 411 36 25 1.7 1.4 1.4 36 ٤ · 1 35 1.1 26 12 7/ 31 • 2 Ž 13/ 17 Mean No. of Hours with Temperature Element (X) Rel. Hum. ± 32 F ≥ 67 F = 73 F ≥ 80 F ≥ 93 F ± 0 F Dry Bulb Wer Bulb

0.26-5 (OL A)

CLOPAL CLIMATOLOUY BRANCH OF AFETAC ATR AFATHER SERVICE/MAC

# SEE CHEST PAGE PAGE PSYCHROMETRIC SUMMARY

# 7270 KOON-NI BANGE KO STATION NAME 60-70,73-79

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	2210H	F)		<del>, ,</del>				TOTAL		TOTAL	-
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TAL		13.2	21.4	29.4	25.0	8 • 5	7.0	• >											6.39		- 5
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Element (X)		ZX,			Z		X	- * <u>*</u>		No. Ob								h Tempere	*93	4/	<b>.</b>
Rel. Hum.	<u> </u>	259	6362	<b>_</b>	397	48		13.9			30	± 0 1	-	s 32 F	× 67		13 F	- 80 F	* 43	<del>' , </del>	Tetal
Dry Bulb		162	5439	<u> </u>	316			9.3			39		_	2.4	1	. 3		<b>├</b>		∸	
Wet Buib	ļ	126	9874	<u> </u>	279		43.7	8.5	66		39			10.1		-+		1			
Dew Point	I	92	5245	1	233	44	36.5	110.5	.ou	6	39		- 1	33.5		1		1	1	1	

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SECHAL CLIMATOLOGY PRANCH USAFETAC AIR WEATHER SERVICE/MOC

# SEE PROTEINE PSYCHROMETRIC SUMMARY

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																			. 1	HOURS I	- 1 7 \$. 1.1
Temp. (F)	0	1 - 2		5 - 6		WET	BULB	TEMPE	RATUR	E DEPRI	ESSION	(F)	22 24	26 26	27 20	20 . 30	. 11	TOTAL D.B./W.B.	Dev Bulh	TOTAL	Daw Pa
7 / 71	<u> </u>	1 - 2	3	3.6	7 . 6	9.10	11 . 12	$\overline{}$			17 - 20	21 - 22	23 - 24	23 . 20	27 - 20	27 . 30		7	7		
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Rei, Hum.			0199		340			13.6			554	⊴ 0	F <u>s</u>	32 F	<b>* 67</b>		73 F	▶ 80 F	• 93	F	Total
Dry Bulb			9001		276			9.1			554			1.9	1	• 6		ļ			
Wet Bulb			9299		243			8.4			554	ļ		3.6				ļ	+	$-\!$	5
Dew Point		0ف	11425	1	292	6.9	36.6	410.4	4 O 3		554	1	- 1	32.3		- 1		1	1		

BLOBAL CLIMATOLOGY PRANCH LHAFETAC AIR REATHER SERVICE/MAC

USE WITH CO. ... SEE FIRST FR

### **PSYCHROMETRIC SUMMARY**

4 1273 KOON-NI KANGE KO STATION NAME 69-70,73-79 PAG. 1

Temp.								TEMPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew Poin
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3/ 57		3	1.4	1.6	1.5	_ 7	- 2	ناما										130	130	23	L
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2/ [1	. 4	1.2	1.8	1.4	. 7	• 2	• 1					,						134	134	149	ء <sub>ت</sub> د
2 / 49	_ 3	1.3	1.9	1.7	1.2	. 4				L	İ							154	154	217	112
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43/ 45	. 4	2.2		1.5	1.1	. 4							_					166	166		165
4/ 43	• 3	1.1	1.2	2.2	•	• 2	_											132	132	134	157
2/ 41	2	1.2	3 4	2.1	1.7	. 4												لدوءا	?u1	128	183
- 1 39	. 1	1.2	1.6	1.7	1.1							}					Ī	129	129	121	1.4
25/ 37	2	1.0	1.5	1.5	4													105	106		99
10/ 35	• 1	1.1	2.6	• 3	• 1	}												108	108	140	121
34/ 33	2	1.1	1.8	7											i			9.7	57	155	122
107 31	• 2	1.7	1.4	• 5														8.8	3.8	150	114
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Dry Bulb													Щ.			_				$\rightarrow$	
Wet Bulb																				-	
Dew Paint			[			- 1			- 1				- 1					I	1	1	

USAFETAC FORM 0.26-5 (OL.A) REVIND REVINDES TORNORS OF THIS FORM ARE OMNOSTED

GLEBAL CLIMATOLOGY BRANCH USAFETAC Alt Weather Service/Mac

# $\begin{array}{c} \text{USE WITH $\mathbb{C}_{k} = \mathbb{N}_{+k}$} \\ \text{SEE $\mathsf{FIRST}(\mathbb{R}_{+k}^{\mathsf{SEE}})$} \end{array} \qquad \text{PSYCHROMETRIC SUMMARY}$

STATION STATION NAME 60-77.73-79 ي د د ج ALL HOURS (L. S. T.)

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>* 31</b>	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Po
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Element (X)		Z <sub>X</sub> '			Z X		Ţ	*,		No. Ob	ı. [				Meen N	le. of H	urs with	h Tempere	lure		
Rel. Hum.		11.7	9268		1546	col	68.2	15.3	8.3	22	67	£ 0 (	, ,	32 F	: 47	F .	73 F	≥ 80 F	• 93	F	Total
Dry Bulb			8355		1051			9.9		22	67			67.3	6	. 4					7.
Wet Bulb			4697		946			8.9		22				32.1							7.2
Dem Point			9711		811			10.5		22				82.7					1		7 -

Ory Bulb Wet Bulb Dem Point	41	98355 34697 59711		1051 946 811	51	46.4	9.9 8.9	83		67			67.3 32.1 82.7		•4			+	
Rel. Hum.	115	79268		1546		68.2				67	10 F	+	≤ 32 F	17	_	73 F	> 80 F	<u>∗ 93</u>	<u> </u>
Element (X)	z <sub>X</sub> ,			ž X		X	•,		No. Ol						_		Temperat		
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USE WITH CAPTURE SEE FIRST FAT

### **PSYCHROMETRIC SUMMARY**

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Temp.		_	,							DEPRE					,			TOTAL		TOTAL	
(F)	0	1 - 2	7	5 - 6	7 - 8 9	- 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 20	6 27 - 28	29 - 30	× 31	D.S./W.B.	Dry Bulb	Wet Buil	Dew Poin
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14/ 43		1.	11.		1			L				L	L	<u> </u>		ļ	<u> </u>	11			
2/ 41		3.5	1.0	• 5	1 1			l 1		}		1		1	1	ł	l	::0	2.3	,	c
75/ 37	3	3.5		. 3						L					<u> </u>	<u>L</u>		19			
72/ 37		4.8		• 5											1	ļ		3.3		1.7	1.5
35/ 35	3	4 - 5														<u> </u>		2.7			1.0
34/ 33	• 9	3.:	2.5	• 3										Ì		1		<u> </u>	.∵ ∪	3.7	
727 31		2.8	1.8							l				1.	L	l		19	19	1 1 3	
1/ 19	• 5	4.3	1.															24	24	7.5	21
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Element (X)		Zz,			ZX		X	•	- 1	No. Ob				<u> </u>	Mag-	No. of M		h Tempera	·uea		
Rei. Hum.			985	-	3109	<del>.</del>		11.0			$\rightarrow$	101		≤ 32 F			73 F	+ 80 F	- 93 f	<u> </u>	Total
Dry Bulb			4191		1199	4	1007	8.8	70		96		<del>'  </del>	55.0		-	73 F	- <del></del>	+ - 73	<del>'                                    </del>	
Wer Bulb											96					-+		<del></del>	+		95
Dew Paint			9842		1127			8.5			96		<del>_</del>	60.8		-+		<del></del>	+-		93
DEW FOIRT			2989	1	959	3	24.2	10.1	<u> </u>	3	96		. 9	72.8	51		_	1			. 93

USAFETAC FORM 0-26-5 (OLA) NEVIND MEVIOUS EBRIDGES OF THIS FORM ARE DESCRETE

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GLORAL CLIMATOLOGY RRANCH USAFUTAC ATH MEATHER SERVICE/MAC

STATION STATION

USE WITH CAUTEST SEE FIRST PAGE

68-73,73-79

### **PSYCHROMETRIC SUMMARY**

FASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1 . 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 51/ 55 • 12 -77 -51 1.3 .9 2.1 15 15 1 45 44/ 43 26 26 1.7 1.6 1.7 17 2.4 3.3 41 42 35 53 3.2 3 . 2 4 . 3 b 5 31 4.6 3.8 οó 58 54 1-1 27 6.5 3.3 رة بر b 2 39 6: 4.7 49 40 3 6 • 9 19. 27 34 15/ 15 • 3 14/ 13 1:/ 11 7 4/ 3 ì. -6/ -3 633 TOTAL 4.148.538.4 8.5 634 Element (X) No. Obs. Mean No. of Hours with Temperature 267 F | 273 F | 280 F | 293 F 73.711.926 33.7 8.454 1 32 F Total Rel. Hum. 3530792 46670 633 Dry Bulb 634 45.6 21363 765377 31.1 8.201 Wet Bulb 633 55.1 655415 19697 489939

(FETAC NORM 0.26-5 (OLA) REVISE MEVIOUS ERRICHES OF THIS FORM AL

SLUPAL CLIMATOLOGY BRANCH DEAFETAC Alm MEATHER SERVICE/MAC

USE WITH CARRIED SEE HROT PAGE

66-7:,73-79

#### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 \* 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint :/ 57 • 2 s/ 5<mark>5</mark> 14/ 53 . 3 57 40 13 11 40 621 47 4:/ 45 3.2 15 2.7 48 43 40 52/ 41 2.7 3.7 1.2 39 ŗ. 2 32/ 37 4.9 3. 1.2 2.7 52 34/ 33 3.2 2.5 : 3 : 4 29 1.2 33 1.7 45 42 35 . 3/ 25 1.4 23 56 46 2/ 21 • 5 42 3. 15 10/ 17 14/ 13 29 . 3 Ç Ē, 1 2/ -1 1.219.745.325.6 7. TOTAL 589 589 Element (X) ZX, Mean No. of Hours with Temperature No. Obs. ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. Total 2707533 39243 66 612 570 589 2 0 F ± 32 F Dry Bulb 913923 22641 38.4 8.612 589 23.8 93 20316 16433 34.5 8.097 27.910.007 Wer Bulb 739298 589 37.3 93 589 517363 62.7

PORM AME DESCRETE BEVISED FREVIOUS EDITIONS OF THIS æ 0.26-5 (OL 8 2 8 2 **6**4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

USE WITH CAUTION
SEE FIRST PAGE

### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME 68-70.73-79 YEARS PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point - 7/ 61 • 2 / 59 1 57 . 4 6 4/ 53 ! 1 5.7 1.8 17 17 47 45/ 45 1.4 4.2 3.5 • 6 49 49 43 4\_ 42/ 41 13 4.4 2.6 43 70 33/ 37 1.2 3.6 3.6 40 43 1.6 2**7** 2**3** 3.0 45 47 34/ 33 27 3 S 7 / 29 1.4 2.8 1. 36 ≟ د 3 c 5 5 25 1.0 1.9 14 [2/ ?1 24 13 14/ 9 4/ -2/ -3 .416.446.530.1 5.2 1.0 TOTAL 499 Zx' No. Obs. Mean No. of Hours with Temperature **7**<sub>A</sub> Element (X) 66.311.687 39.3 8.488 35.2 8.008 1 32 F Rel. Hum. = 67 F = 73 F = 80 F = 93 F 2260716 33078 499 4 0 F Dry Bulb 805819 196ül 499 20.9 Wet Bulb 17581 34.5 499 93 651361 28.6 9.755 456559 14289 499

USAFETAC FORM 0.26-5 (OLA) REVISED REVIOUS REPINOUS CONTINS FORM ART ORGANIZA

GLORAL CLIMATOLOGY RRANCH OFAFLTAC ATR ASATHER SERVICE/MAC

SEE FIRST PAGE

### PSYCHROMETRIC SUMMARY

# 1273 KOON-NI RANGE KO STATION NAME 60-70,73-79 PAGE 1 HOURS (L. S. T.)

Temp.						WET	BULB	TEMPE	RATURE	DEPRE	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	<b>2 31</b>	D.B./W.B.	Dry Bulb	Wet Builb	Dew
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727 31		2.4	3.0	1.6		ļ			ļ	<b></b>	<u> </u>	<b>↓</b>		-	<b>├</b>		<b>├</b> ─	157			•
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Element (X)	-	2 1	_		ž z		1	•	<u> </u>	No. 01					Mean M	a. of H	Les wit	h Tempere	ture		-
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GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SEE FIRST PAGE

### USE WITH GALLIES PSYCHROMETRIC SUMMARY

43:73 KOON-NI RANGE KO 60-70-73-79 PASE : HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 • 31 D.8./W.B. Dry Bulb Wet Bulb Dew Point -0/ -7 2117 2117

Element (X) No. Obs. Meen No. of Hours with Temperature Rel. Hum. ≥ 67 F = 73 F = 80 F = 93 F 70.912.935 35.7 9.235 2117 ± 32 F 10988391 150085 Dry Bulb 28**3.**8 370.8 2879310 75600 2118 744 32.5 8.578 26.810.123 Wer Buth 2395916 2117 744 68866 Dew Paint

BEVIATO REVIOUS EDITIONS OF THIS FORM ARE DISJOILTE O.26-5 (OLA)

USAFETAC

0.26-5 (OL A)

Element (X)

Dry Bulb Wer Bulb Dew Paint

GLOKAL CLIMATOLOGY PRANCH CSAFETAC AT- WEATHER SERVICE/MAG

STATION STATION STATION

USE WITH ON ITINH SEE FIRST PAGE

68-70,73-8

#### **PSYCHROMETRIC SUMMARY**

WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 5/ 95 1/ 93 5.1 51 / 91 •0 ٠, 252 349 349 • 0 538 • 3 973 873 a 1 13 534 331 79 75 1079 • 8 • 6 945 945 95à 887 72ء 981 7.7 71 1. 981 850 965 965 1961 71i • 1 988 988 1110 957 67 • 9 983 683 941 834 1042 1042 1104 1087 +47 53 812 797 999 ./ 59 1040 1040 848 1090 .6 734 786 5.7 791 791 937 745 5-/ 55 721 721 945 81 5.1 652 653 892 741 21 679 679 945 667 66 753 43/ 47 860 703 703 692 715 44/ 43 • 6 - 1 1004 993 42/ 41 4 / 39 848 76. 1.2 779 780 99 850 874 856 856 15/ 35 1.4 691 976 735 981 1.1 843

No. Obs.

50F

≤ 32 F

≥ 67 F

Mean No. of Hours with Temperature

≥ 73 F

> 80 F

+ 93 F

Total

GLORAL CLIMATOLOGY BRANCH GRAFETAC ARR MEATHER SERVICE/MAC

USE WITH CAUTION SEE FIRST SAME

### PSYCHROMETRIC SUMMARY

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																		₽⊅O	-	HOURS	<u> </u>
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Dry Bulb			12270		14964			18.9		268								845.	6 11	• 0	_
Wer Bulb			21514	+	353			417.6		268			.01	707.	2057	.411	061.8	104.	1		_
Dew Point			1243		12154			119.6		268		7.0	72	570	21500	. 6	709.7	54	0		

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

# 100 MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

4 1073

KOON-NI RANGE KO

68-70,73-80

141 %			5'A'	CN NAME						TEARS				
- P : .		,AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	001	NOV	DEC	ANNUAL
	WEAN	22.0	25.8	34.8	46.3	56.7	65.3	73.2	73.9	64.7	51.8	39.4	30.3	49.
c=08	K 5	8.768	8.616	5.708	5.971	4.709	4.161	4.612	4.216	5.862	6.565	8.922	8.639	18.52
	"G"A. 58" _	373	348	389	399	393	394	386	414	401	440	419	396	475
	MEAN.	26.9	30.3	39.5	52.6	62.4	70.0	77.3	78.7	70.7	58.9	44.7	33.7	53•6
4-11	9 5	8.275	8.250										8.454	18.90
	TOTAL OF _	655	617	681	673	649	664	622	669	636	673	_655_	634	7828
	MEAN .	31.8	34.7	43.8	56.9	66.0	73.2	86.4	82.2	75.3	64.7	49.6	38.4	58.
1 = 14	5.5	8.261	9.040	7.993	7.155	6.291	5.549	5.659	4.756	5.131	6.932	9.312	8.612	18.669
	"C"AL OBS_	637	<b>6</b> 0 <b>0</b>	667	652	641	657	610	646	632	661	639	589	763
	. WEAN	32.5	35 • Ť	43.4	56.1	65.C	72.3	80.5	82.3	75.4	64.5	50.0	39.3	58.5
15-17	S .:	8.252	8.809	7.514	7.101	6.089	5.234	5.531	4.617	5.214	6.838	9.190	8.488	18.30
	TOTAL OBS_	535	รขตู	594	577	542	566	536	586	557	568	554	499	661
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	TOTAL OBS	- · · · <del> •</del>												
	MEAN		32.1	40.9		63.1					60.6		35.7	
HOURS	5.0													18.94
	TOTAL OBS	2500	2065	2331	2301	2225	2281	2154	2315	2226	2342	2267	2118	2682

I	USAFETAC	108m 0 89 5 (OLA)				

GLORAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICH/MAC

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### SERVICE MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

47\_73 KOON-NI RANGE KO

68-70,73-80

HPP ST AN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV MEAN 2:09 24.0 32.5 43.2 53.0 62.2 70.4 71.1 62.2 49.3 37.0 60.6 60.0 60.5 60.0 5.735 5.884 4.540 4.429 4.527 4.589 6.108 3.557 8.65 701A.085 373 348 389 399 393 394 386 414 401 440 41 401 440 41 401 410 410	6 8.567 18.12 9 396 475 9 31.1 49.6 6 8.201 17.92 5 633 782 7 34.5 52.
C-08 CT 6.573 8.510 5.735 5.884 4.540 4.429 4.527 4.589 6.108 5.557 8.65	6 8.567 18.12 9 396 475 9 31.1 49.6 6 8.201 17.92 5 633 782 7 34.5 52.
VEAN 24.6 27.5 35.7 47.5 56.6 64.9 72.7 73.7 65.6 53.8 40.  -11 1 3.6 655 617 681 673 649 664 622 669 636 673 65  -12 25.3 30.8 38.4 49.9 58.4 66.3 74.1 75.2 67.4 56.5 43.  114 5 7.952 8.587 6.990 6.160 4.981 4.619 4.293 4.355 5.356 6.289 8.56	9 396 475 9 31.1 49. 6 8.201 17.92 5 633 782 7 34.5 52.
24.6 27.5 35.7 47.5 56.6 64.9 72.7 73.7 65.6 53.8 40.  -11	9 31.1 49.6 8.201 17.92 5 633 782 7 34.5 52.
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MIAN 28.9 31.5 38.2 49.3 57.7 65.6 74.2 75.2 67.0 56.4 44.	0 35.2 52.
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MEAN 26.1 28.8 36.6 47.9 56.8 65.0 73.1 74.4 65.9 54.4 41.	8 32.5 50.
Att 5 8.600 8.777 6.854 6.426 5.119 4.721 4.569 4.561 5.791 6.863 8.98	
TOTAL OBS 2198 2064 2331 2301 2225 2281 2154 2315 2226 2342 226	

USAFETAC 108M 0 89 5 (OLA)

GLOPAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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USE WITH CAUTION

### SHERWITER MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

4:173 KOON-NI RANGE KO 68-70,73-80

YEARS STATION NAME 15.4 10 0.6 39.5 49.8 6D-MEAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC MEAN 15.4 18.4 28.2 39.5 49.8 60.1 69.0 69.6 60.4 46.8 33.8 24.2 E-68 5 10.67111.078 7.744 7.182 5.491 5.491 4.903 5.237 6.914 7.59010.41710.126 HRS LS 43.4 19.871 419 393 394 386 373 348 389 399 414 401 440 MIAN 18.3 21.0 29.6 42.0 51.8 61.6 70.5 71.3 62.5 49.2 35.7 25.9 7-11 Sc 10.66210.869 8.269 7.377 5.887 5.784 4.902 5.193 6.721 7.7431L.65510.108 19.846 673 664 622 669 636 655 617 681 649 673 655 633 7£27 24.5 22.7 34.5 42.8 52.5 62.0 71.2 72.0 62.6 49.7 36.5 27.9 MEAN 46.1 17-14 55 13.93611.686 8.933 8.905 6.749 6.000 4.921 5.554 7.392 8.06510.59610.007 19.523 637 600 667 652 641 657 610 646 632 661 \_\_\_639 \_\_589 21.0 23.2 30.5 42.3 51.8 61.3 71.2 71.9 61.9 49.7 36.6 28.6 15-17 sp 11.03111.442 8.744 7.869 6.540 5.799 5.157 5.423 7.444 7.91116.403 9.755 533 499 594 577 542 566 536 586 557 568 554 499 O'AL OBS MEAN TOTAL OBS 101AL 085 \*EAN 5.0 101AL 085 OTAL OBS MEAN 19.1 21.6 29.9 41.9 51.7 61.4 70.6 71.4 62.0 49.0 35.8 26.8 45.3 11.J0811.400 8.541 7.726 6.303 5.835 5.039 5.431 7.173 7.91810.57710.123 19.626 - 2198| 2064 | 2331 | 23∩1 | 2225 | 2281 | 2154 | 2315 | 2226| 2342 | 2267| 2117<sub>4</sub> | 26821|

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DESTAL CETHATOLOGY BRANCH CONFLITAC ATT REATHER SERVICE/MAC

USE WITH CALITION SEE FIRST PAGE

RELATIVE HUMIDITY

41.773	FOCN-NI	RANGE	K∂
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3-76,73-63

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STATION

STATION NAME

PERIOD

MONTH

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN	TOTAL	
HTMOM	(L \$ T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
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	₽2-05											
	JS-0€	130.2	136.0	100.0	19.7	96.2	37.1	£9.	34.	17.3	74.4	373
	. 9-11	1,9.2	100.0	100.0	29.7	92.6	76.0	51.1	27.€	٥. ٦	7 .9	655
	1.2-14	1.0.7	1:5.6	100.7	20.9	១០.5	57.8	28.9	14.0	7.0	54.7	77ر
	17-17	130.0	100.0	99.1.	94.7	73.	53.3	31.4	13.1	3.0	63.7	٠, ٢ ع
	19-20				_							
	21-23			<del> </del>								
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101	ALS	179.0	100.6	100.n	97.6	87.0	69.5	42.5	24.2	6.8	55.3	7198

	USAFETAC	PORM JUL 64	0-87-5 (OL A)
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HEUMAE CETMATOLOSY RRANCH Utafutac Ali Weather Sfrvick/Mag

USE WITH CAUT ON

**RELATIVE HUMIDITY** 

43073 KON-NI HANGE KO STATION NAME 66-76-73-60

FFS

STATION

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN	TOTAL	
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
řĒB	. 11-114											
<del></del>	15−ن.											
	Je-98	1.5.7	1 10.0	101.5	99.1	94.5	26.8	57.8	37.0	13.1	74.1	: 4د
	1:9-11	153.0	100.0	100.0	93.2	92.1	73.4	4 • ~	21.5	٥.3	60.	o 1 7
	12-14	130.0	170.5	90.7	93.7	76.3	52.€	28.4	16.2	5.3	52.č	670
	15-17	1.0.3	120.0	99.8	92.4	74.3	47.3	24.7	14.0	₹•8	61.3	459
	12-2.											
	11-23											
to	TALS	130.0	100.0	99.9	95.9	34.3	64.9	37.0	22.4	7.5	65.9	2.54

USAFETAC	PORM JUL 64	0-87-5 (OL A)	
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GLIFAL CLIMATOLICLY HRANCH UNAFETAC AIN WEATHER SERVICE/MAC

USE WITH C PAGE

**RELATIVE HUMIDITY** 

HAST73 KIDN-NI PANGE KO

6--73,73-79

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STATION

STATION NAME

PERIOD

MONTH

	HOURS			PERCENTAC	SE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF OBS
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90°•	HUMIDITY	
94F	J 1-72		ì	Ţ							Ī	
	37-95											
	_6 <b>-</b> 03	100.3	170.0	101.0	100.0	95.0	36.9	68.5	51.9	15.é	77.5	189
<del>-</del>	. c-11	1 10.5	190.6	10h.J	⇒7.9	83.7	72	44.1	23.5	6 • 2	65. • 9	631
	114	1 5.0	100.0	98.5	¥2.4	75.	3ć•4	25.2	5.1	1.9	31.7	567
	15-17	100.9	100.0	99.3	73.6	76.3	5 2	29.1	10.0	1.7	61.9	594
	13-20											
-	21-23		<b>†</b>									
10	TALS	110.0	1.00.0	99.5	96.	ö4.3	04.7	41.3	23.3	5.9	67.3	2331

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**RELATIVE HUMIDITY** 

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STATION

STATION NAME

PERIOD

MONTH

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OSS
75	11-02		1									
	. 3-65											
	. : =na	1:0.0	177.5	100.0	9.5	98.2	٥, و	73.7	40.5	17.1	7.	309
	_9-11	100.0	100.0	100.0	06.1	90.5	69.4	44.3	19.1	€.1	20.1	د 7 د
	1 '-14	1.0.0	1-0.6	90.7	93.8	72.7	49.1	27.1	i1.7	4 • 1	5 1 . 0	3 <u>₹</u>
	. 5 - 1 7	110.0	1 .3 •	90.5	0,.6	74.	44.0	29.5	7.9	3.3	51.4	57.7
	13-2.											
	.1-23											
		1										
τo	TALS	137.0	100.0	99.3	75.5	63.9	54.5	43.7	01.5	6.5	67.9	7 J 1

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**RELATIVE HUMIDITY** 

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STATION

STATION NAME

PERIOD

MONTH

	HOURS			PERCENTAC	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF OBS.
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	
Y	. 9=02											
	. ३-३५											
	u6=38	130.0	120.3	160.n	130.1	79.5	95.2	93.7	79.4	11.7	70.4	393
	_9-11	1 0.0	100.3	99.5	28.3	91.5	74.3	49.0	71.1	5.4	6° . 7	÷4.0
	1 0 - 1 4	130.3	100.0	93.3	41.9	61.3	53.6	34.0	13.9	5.0	33.6	54]
	<u>1</u> "-17	150.0	100.0	96.5	93.3	83.0	60.3	34.5	11.1	7.3	63.9	542
	1 2 - 2			1								
	21-23											
	!											
τo	TALS	130.0	100.3	99.1	95.6	ಠಽ•ಕ	74.2	40.5	21.4	6.3	63.9	~225

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**RELATIVE HUMIDITY** 

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STATION

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MONTH

	HOURS			PERCENTA	GE FREQUENCY	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF OBS.
MONTH	(L S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	
Jiit.			1									
	U3 <b>-</b> 735											
	16-36	1 30.0	100.5	107.0	155.1	29.2	90.2	90.6	50.3	21.3	33.4	304
	u -11	100.0	170.0	130.5	79.2	?ۥ?	83.9	71.7	35.1	₹.9	75.6	064
	12-14	1 10.0	135.6	90.7	99.1	90.7	73.7	48.0	71.0	4.0	69.3	657
	15-17	100.0	100.3	70.3	98.2	91.9	70.3	47.	21.5	4.1	59.5	366
	18-23											
	21-23								1			
		ļ				<u> </u>						
											-	<del></del>
	†	1	1									
10	TALS	1 10.0	100.0	99.9	93.9	94.5	93.8	64.4	77.0	5.7	74.5	2291

USAFETAC	PORM JUL 64	0-87-5 (OL A)
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**RELATIVE HUMIDITY** 

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PERIOD

MONTH

	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF OBS
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	
JUL	: -n:											
	.3-05											
	J5-Q8	1 '7.7	100.5	100.3	170.5	150.0	99.7	95.3	€5	31.9	16.6	3 P C
	u 2-11	140.0	100.0	100.0	133.3	99.2	94.9	85.7	6.4	17.5	78.9	0.72
	11-14	100.0	100.5	107.0	100.8	97.5	33.1	62.1	34.1	11.1	74.4	t i
	15-17	1.0.0	100.3	100.0	1:0.0	96.7	81.3	62.1	31.4	9.5	74.3	536
	1:-2.				<del> </del>	1						
	11-23											
					<del> </del>							
		<b>†</b>										
101	TALS	100.7	170.0	101.0	100.0	78.4	89.8	75.1	r . 1	16.6	75.8	2154

USAFET	AC	PORM JUL 64	0-87-5 (OL A)
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#### **RELATIVE HUMIDITY**

USE WITH CAUTION

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MONTH

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STATION NAME

	HOURS	1		PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN		<del></del>	MEAN RELATIVE	TOTAL NO OF OBS.
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	
AUT	33-02											
	J3-05											
	92-9r	130.0	100.0	100.0	100.0	160.9	99.8	44.9	79.7	31.9	3 0 • 3	+14
	-9-11	183.0	190.0	100.0	100.0	99.4	94.2	75.5	47.7	10.0	71.0	u69
	12-14	150.0	100.0	103.0	99.5	96.0	82.2	54.5	24.8	5.1	72.3	U4 5
	15-17	130.0	100.0	160.3	99.3	94.0	34.5	\$5.8	21.8	5.3	71.7	586
	13-23											
	21-23											
	<b>†</b>	1		<u> </u>	1							
·	<del> </del>		<b>†</b>				-					
	+	1			† · · · · · · · · · · · · · · · · · · ·							
TO	TALS	10.0	100.0	140.0	39.7	97.4	89.2	70.3	43.5	13.4	77.2	2315

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SECRAL CLIMATOLOGY BRANCH USAFETAC ATS \*EATHER SERVICE/MAC

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**RELATIVE HUMIDITY** 

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STATION NAME

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MONTH

	HOURS	T		PERCENTA	SE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
MONTH	(£.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%		
(re	UD-02											
	.3-05											
	_6 <b>-</b> 08	100.0	110.3	130.3	1:0.5	99.3	99.3	97.3	72.1	57.9	ε5 <b>.</b> 2	+t 1
	.0-11	100.0	100.6	105.0	79.8	98.1	9.2.6	69.7	36.2	9.7	75.9	636
	12-14	130.0	100.0	99.7	97.5	86.9	63.0	34.?	15.5	1.5	65.7	637
	18-17	140.0	100.0	150.0	97.1	81.1	55.3	31.2	14.7	7.2	64.2	55.7
	14-20											
-	1-23											
				ļ								
		ļ		ļ								
	<u> </u>	ļ		-		ļ	<del></del>	-				
TO	TALS	100.0	100.0	99.9	98.6	91.4	77.1	58.1	34.6	11.9	72.9	220ء

	USAFETAC	PORM JUL 64	0-87-5 (OL A)
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RELATIVE HUMIDITY

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STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
(21	J0-52		I									
	03-05											
	_5 <b>-</b> 03	100.0	100.0	100.0	39.8	99.1	95.0	89.1	64.3	27.3	ز.ه	<b>44</b> (
	9-11	130.3	100.0	99.7	99.6	94.5	78.8	53.3	24.7	2.5	71.5	673
-	10-14	100.0	130.5	99.5	26.4	76.7	44	18+3	6.4	1.5	57.3	£61
	15-17	100.0	100.0	97.3	05.6	73.3	42.3	17.8	4.2	• 2	57.6	568
	x 8 - 2 L											
	21-23						1					
								· -				
			<del> </del>		<del>                                     </del>					<u> </u>		
			<del>                                     </del>	<del></del>	†							
τo	TALS	1.0.0	100.0	99.8	37.9	67.2	64.3	44.5	-24.9	7.4	65.4	2342

USAFETAC	PORM JUL 64	0-87-5 (OL A)
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**RELATIVE HUMIDITY** 

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STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)			PERCENTAC	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE HUMIDITY	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%		NO OF OBS
۸۲۷	27-72											
	3-05											
	J6-08	130.0	180.5	100.0	1:0.0	99.5	93.1	78.5	500	22.9	2 . • 5	4.1 :
	_9=11	100.3	100.0	100.0	09.2	93.9	75.0	51.6	27.5	3.5	71.7	£55
	12-14	130.0	105.0	99.5	95.1	79.2	53.5	26.1	11	: • ?	61.2	679
	15-17	100.0	110.0	99.5	95.2	77.1	48.4	26.5	3.5	1 • 1	51.4	4.54
	13-20											
	∠1 <b>-</b> 23											
			<del> </del>	<del> </del>	<del> </del>			<u> </u>	<del> </del>			
							, -				<del> </del>	
	<del> </del>											
ţ01	TALS	100.0	170.0	40.6	97.5	37.7	65.3	45.8	25.4	0.1	69.	2267

USAFETAC	FORM JUL 64	0-87-5 (QL A)
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STATION

STATION NAME

PERIOD

MONTH

,	HOURS (L.S.T.)			PERCENTA	GE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE HUMIDITY	TOTAL NO: OF OBS:
MONTH		10%	20%	30%	40%	50%	60%	70%	80%	90%		
26.0	s <b>-</b> es.		i									
	7-66											
	. 6 <b>-</b> ∩∂	156.0	1 00.0	101.2	09.7	93.7	93.2	74.7	44.0	1: •7	7:	Je.,
	5-11	1.0.0	100.0	190.02	59.5	96.4	85.6	55.3	* . •	5	7:.7	5, 2, 2
	1:-14	130.0	190.0	1 G . • ·	ಿ ಇ . ಆ	υ <b>ε.</b> 3	67.2	35.7	14.4	7	55.0	7, 6,7
	17	162.0	100.6	100.5	180.3	30.6	66.1	52.5	12.4	7 • 2	59.1	وېپ
	17-2											
	1.1-23											
το	TALS	100.0	10%.0	1.00.0	79.5	93•*	70.5	57.5	25.7	7.5	71.7	3117

USAFETAC	FORM JUL 64	0-87-5 (OL A)						
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MONTH

MONTH	HOURS (L S T.)			PERCENTAC	SE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH		10%	20%	30%	40%	50%	60%	70%	80%	90°-	RELATIVE	NO OF OBS.
Ja".	ALL	1.7.7	1 10	1500	-7.6	s 7 •	67.5	42.0	1	5	5. • ,	7194
		1.0."	100.0	94.7	95.9	34.3	64.9	37.0	22.5	7.5	e c	
412		143.0	106.0	99.5	73."	54.3	64.7	41.	23.1	٠.5	67.3	3 .
366		100.7	100.0	99.€	75.5	63.9	64.5	43.7	71.5	d • Ī	57.2	2511
×A.Y		1/2.3	100.C	49.1	75.5	y 8 • €	72.2	40.5	71.4	: • ?	K * . 0	5,17.2
J.A.		130.3	100.5	90.9	9. برد	94.5	83.6	÷4.4	77.0	. 7	74.€	1
J ∤L		100.7	100.0	107.	1 3.0	98.4	84.8	75.1	1	16	77.4	2154
AUG		100.0	108.0	135.7	29.7	97.4	84.2	73	43.5	12.4	77.2	1315
3 ° °		1.0.2	1 10 - 3	94.3	23.6	91.4	77.1	58.0	34.€	11.9	72.9	722€
υCT		157.0	170.0	99∙8	27.9	å <b>7</b> •?	54.3	44.5	24.9	0.4	55.4	2342
N02		100.0	100.5	3.06	97.5	57.2	ó8.3	45.2	25.4	9.1	59.	2267
ut c		150.7	199.6	100.0	9.5	93.5	78.4	50.5	26.7	7.5	71.3	0117
101	ALS	1.7.9	170.0	90.0	⇒7.8	89.8	73.9	52.0	29.5	7.2	71.9	26821

USAFETAC	PORM JUL 64	0-87-5 (OL A)
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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

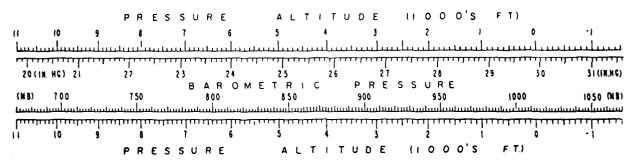
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



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#### USE WITH CAUTION SEE FIRST PAGE MEANS AND STANDARD DEVIATIONS

#### STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

YEARS

4:273 KOON-NI RANGE KO 68-70,73-80

141.5% S'A' ON NAME SEP ОСТ DEC HR5 .5" MEAN 10 5.0 101AL 085. MEAN 5 2 TOTAL OBS MEAN > E OTAL OBS MEAN 33.20330.16730.09029.96129.82929.71229.68529.71729.88730.07530.19830.211 29.977 0 .168 .177 .171 .164 .149 .140 .123 .142 .121 .161 .162 .159

\*\*C'ALOBS\*\* 214 202 219 221 211 218 207 223 210 225 215 212 .25C MEAN 30.19630.16230.08629.94729.81829.70229.67429.71029.8723C.06030.18230.199 29.966 .170 .188 .170 .170 .148 .137 .125 .142 .121 .157 .163 .166 216 203 228 224 220 223 206 219 211 223 216 202 .250 2591 MEAN 30.15730.10930.03929.90829.79029.67129.65029.68129.83330.01830.14730.158 29.927 • 161 • 173 • 157 • 148 • 139 • 134 • 120 • 136 • 114 • 146 • 154 • 165 274 189 218 211 206 212 202 212 206 213 203 188 .241 212 203 211 206 MEAN 5 D 10"AL 085 MEAN 7.1 5 D MEAN 30.18630.14730.07229.93929.81329.69529.67029.70329.86430.05130.17630.190 29.957 .167 .185 .168 .163 .146 .138 .123 .141 .121 .157 .161 .165 634 594 665 656 637 653 615 654 627 661 634 602 .248 5.0 637 627 602 7632 634 665 656 TOTAL OBS

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